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DRUG & CHEMICAL MARKETS

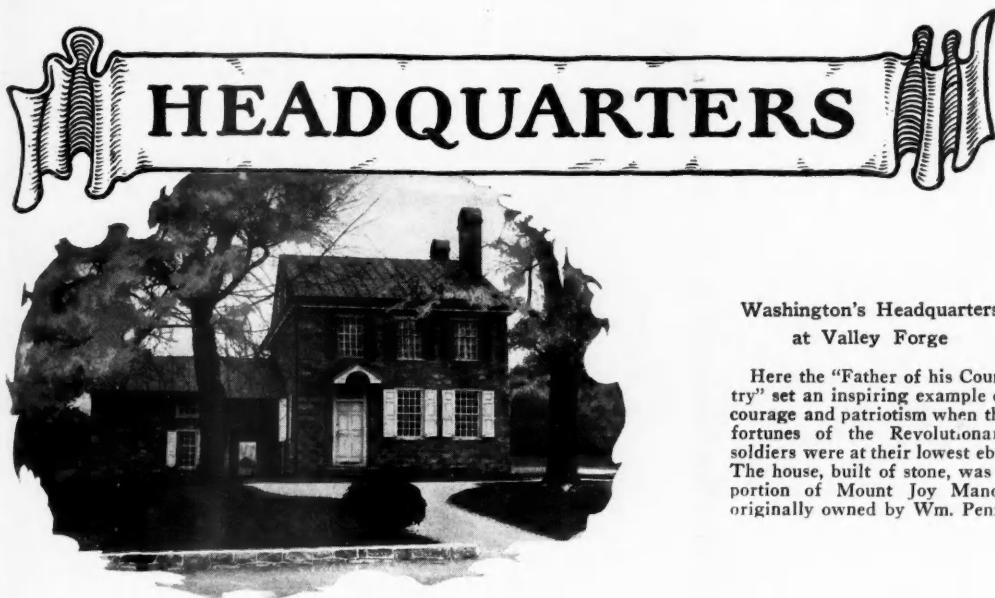
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A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

VOL. XVI

NEW YORK, JUNE 10, 1925

No. 23



Washington's Headquarters
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Here the "Father of his Country" set an inspiring example of courage and patriotism when the fortunes of the Revolutionary soldiers were at their lowest ebb. The house, built of stone, was a portion of Mount Joy Manor originally owned by Wm. Penn.

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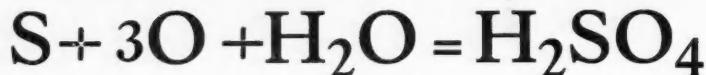
The
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709 Sixth Avenue

New York



*Gleaming yellow sulphur being unloaded at
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THE SULPHURIC ACID REACTION BY CATALYSIS

On May 16th the first tow of two 1,000 ton barges, to be used exclusively in the Monsanto Sulphur service, arrived in East St. Louis.

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MURIATIC ACID 18° - 20°
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NITRIC ACID
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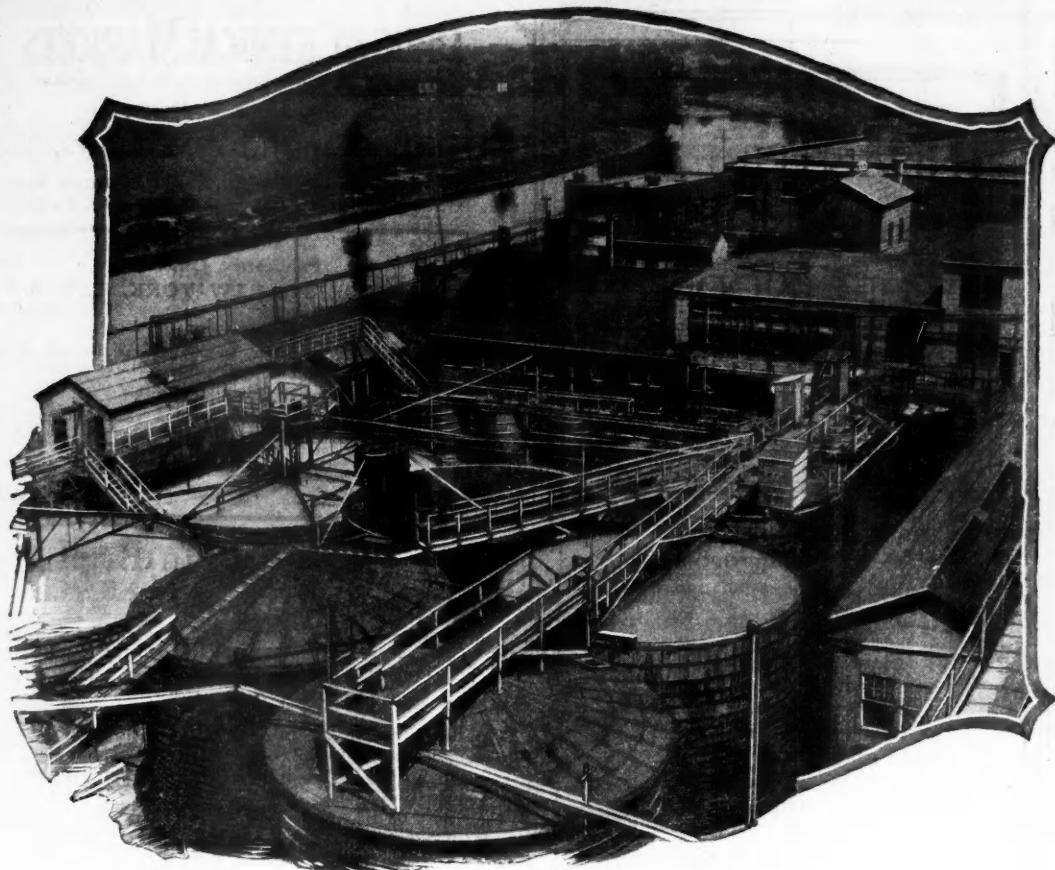
which have their foundation in sulphur and which also enter directly into the manufacture of Monsanto's fine and medicinal chemicals and intermediates.

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VOL. XVI

No. 23

The Week in Brief

News

Imports of coal tar dyes in May were the lowest for the year to date, amounting to 370,271 pounds, compared with 451,005 pounds in April. The valuation was \$347,904 against \$426,141.

Marietta Refining Co. wins suit brought by Nicholas L. Kalman, former chemist of the company who claimed \$39,161 as his share in the company's profits in 1920.

With chemicals 60 per cent under average price for all other products, buyers are spending a smaller part of their dollar for chemicals today than ever before, say leading authorities in the business.

The United States should produce its own raw tanning materials, according to a New York leather manufacturer who told the American Leather Chemists Association that 10,000,000 hides are needed each year in this country.

Markets

Steady movement in industrial chemicals continues with spot trading a slight improvement in some quarters. Prices are steady practically without exception.

Light oil distillates very firm at recent prices and supplies are not plentiful. Pyridine declines sharply as buying ceases. Intermediates moving in a routine manner.

Vegetable oils in unsettled condition. Linseed oil down. Chinawood oil steady. Cottonseed oil unsettled. Animal oils record only slight changes.

Prices in fine chemicals show few changes over a week of exceptionally quiet trading. Quicksilver, codliver oil and menthol continue strong with camphor weaker.

Crude drugs continue to show seasonal activity with positions of many items weakened by hot weather. Rhubarb higher with some interest appearing in 1925 cascara.

Higher lemon oil prices are noted this week following further rise in costs in Sicily. The stock of peppermint oil is small and prices remain high with further upward tendency.

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DRUG & CHEMICAL MARKETS

VOL. XVI

NEW YORK, JUNE 10, 1925

No. 23

THE TARIFF AND PRICES

Strange as it may seem, and contrary to rather heated predictions, chemical prices have actually declined under the influence of the Fordney Tariff during the past two and a half years. Casual observers will say that prices declined in spite of the tariff, but a well-known importer who has evidently studied the situation carefully, states that much of the downward trend in values in the United States is directly traceable to the influence of the protective barrier. He pointed out that within the United States, in spite of sharper and sharper competition, new chemical manufacturers have sprung up during the past two years. The total number of chemical producers has increased, rather than decreased, even though all conditions tended toward a thinning of the chemical ranks.

Chemical values have declined on the average to a point where they are dollar for dollar lower than pre-war. Based on the purchasing power of the dollar, that is comparing them with the market prices of all other commodities, chemicals are distinctly sub-normal. They are even lower than the levels which existed in 1922 before the rise which anticipated the passage of the Fordney Act. The decline which has brought them to present low levels, is due chiefly, so the evidence indicates, not to foreign competition, but to excessive internal competition.

Keener competition within our borders. But to what end? We are producing more and actually using less in the way of chemicals, intermediates, colors, medicinals, and the like. We cannot export many of our chemical materials owing to high costs, and cannot compete without tariff protection. The money invested in the American chemical industry is greater because of the tariff; the production of chemical products as a nation is also greater; but,—and this particularly for those who saw the chemical industry as a bloated plutocrat as a result of the tariff,—the earnings per dollar of investment continue small, unquestionably smaller than ever. The low prices of chemicals are chiefly responsible for the small earnings; too much competition is responsible for the low prices; and from the present looks of things, the tariff has helped to foster too much competition within the United States. Two years and a half of our "prohibitive tariff" and chemical prices forty per cent. under normal! With-

out the tariff, Europe would have put most of America out of the chemical business ere this. With the tariff, the American industry seems to be trying to put itself out of business.

THE MARKET FOR CHEMICAL "LEMONS"

In 1909, a nitrogen fixation process was worked out in Germany, which was heralded as the end of Chile nitrate. Announcement was made of the perfection of the process but it was not until late in 1914 that actual production was accomplished and then only at a cost which would have been prohibitive except for the needs of war. Fixed nitrogen was turned out on a commercial scale but five years after the "perfection" of the process and at a cost which could never compete with Chile under normal conditions. The recent stories of synthetic methanol production at eighteen or twenty cents per gallon, that have gained such credence in the United States, bring to mind this episode of 1909.

Several of America's leading chemical executives have been through the linoleum-floored, attendants-in-uniform plant of Badische at Luena and vouch for the fact that the methanol is being produced. But, how much, and at what cost? The plant is a wartime left-over, formerly used for ammonia synthesis, in short, a ready-made plant. Is this considered in the cost? The raw materials are these practically without cost? Is this figured in? In short, is the reported low cost of Badische methanol inherent in the process or is it merely the result of a combination of circumstances in this one instance?

Several of America's leading experts recently figured out the cost of a synthetic methanol plant for this country. For a plant producing 300,000 gallons per year, a \$2,500,000 investment would be needed. The interest and amortization charges alone would exceed one dollar per gallon for methanol produced for the first five years, exclusive of labor, coal, and other materials.

Already Americans are negotiating with Badische for the American rights to the methanol process, which in spite of patents, is said to be more or less a secret art of catalyst preparation. Others are negotiating for the French Petart process which the Germans condemn as impracticable. The stories of low cost and big profits have evidently taken deep root. Off with the old, and on with

the new. This is perhaps a commendable attitude when it is positively known that the new is right, but in this case nobody knows. Who even knows that the methanol shipped here from Germany was and is a product of the Badische process?

In the scramble to grab the process before somebody else, caution and business sense may be cast to the winds. Somebody may buy a "lemon" for a few million dollars. Be that as it may, until such time as synthetic methanol is a commercial fact in this country, if ever, a wood chemical industry is vitally imperative. Assurance of the wood chemical future is directly up to Washington for immediate action. If Americans want to squander their money abroad for "processes" that does not materially alter the clearly defined duty of the Government to the country which must protect its wood chemical supply.

SYNTHETIC PUBLICITY

To the average man, the limitations of chemical synthesis know no bounds. Where is there a chemist who, during the war when dyes were scarce as hen's teeth, was not asked by some innocent friend "You're a chemist, why don't you make dyes and make a fortune?" Where is there a chemist who has not been handed a bottle of the doctor's latest prescription and asked the simple question "What's in that?" Or, perhaps, handed a piece of mineral and asked "Is this of any value?" Truly, the faith of the average layman in the occult powers of the chemist is akin to a child's belief in fairies.

Just recently, a well known dyestuff and pharmaceutical manufacturer offered a prize of \$100,000 to anybody who would produce a cheap synthetic opium, the alkaloids of which must be chemically identical with those of the natural gum. This caused somewhat of a smile in manufacturing drug quarters and some of the trade winkingly accused the willing donor of jesting or seeking the limelight. Following this offer, some enthusiastic soul wrote a letter to one of the big newspapers. He suggested that just plain synthetic opium was altogether too easy for the chemist. The new synthetic opium must be non-habit-forming.

One hundred thousand dollars for a non-habit-forming, synthetic opium! Not only synthetic, but very cheap to manufacture. To any chemist or pharmacist who might turn out such a product, the value would exceed \$100,000. It would be worth millions to the legitimate drug trade of the world over a few years in saving in present cost of production of morphine and codeine alone. The narcotic addiction evil would be practically ended.

Why place such a low price on a product so valuable, even if it is in the imaginative stage? Surely, there must be some sporting character in the manufacturing drug business who will double this original offer for the exclusive rights to such a product. And, consider this, what a wonderful chance to get on the front pages of the big news dailies.

Science and Sales

The germicide powers of phenol are greater in acid solutions than in alkaline solutions.

A food preservative suitable for the preservation of meats or other products is made by the oxidation of thymol and butyl alcohol by use of free oxygen.

Deficiency of iodine is not admitted to be the cause of goitre, according to a recent statement in "Water and Water Engineering," which lays the goitre prevalence of the Great Lakes cities to heavy sewage contamination of drinking water.

A protective coating is placed on water distribution systems by passing part of the water through sodium silicate lumps, which form small portions of insoluble silicates from salts in the water, causing them to be deposited on inside of pipes as a protective coating.

Recent experiments in France with crops of sugar beets and potatoes show that urea gave better results as a fertilizer with these crops than did nitrate. In crops of oats and corn, there was little difference in value.

A disinfectant for seeds, composed of formaldehyde, and bichloride of mercury in dilute muriatic acid solution, is covered by U. S. patent No. 1,530,280.

Molasses has been used successfully as a fertilizer for cane sugar. The proportion is four tons to the acre. It is believed that the molasses helps biological processes in the soil.

Tanning power of various vegetable tanstuffs has been found to be as follows in order of their relative powers: quebracho, mimosa, chestnut, myrobalans, valonia, sumac, mangrove and gambier, with quebracho the most powerful and gambier the least.

Keeping qualities and the rapidity with which animal glue will adhere are considerably improved by the addition of acetic acid.

The nicotine content of tobacco "trash" runs from a quarter of one per cent up to four and a half per cent. This is the only grade of tobacco from which it is considered practicable to manufacture solutions for insecticide sprays.

On Saturday, June 13, the annual outing and field day of the Salesmen's Association of the American Chemical Industry will be held at the Green Gables on the Shrewsbury, Pleasure Bay, N. J. Members and guests will travel by boat of the Central R. R. of New Jersey to Atlantic Highlands and thence by connecting train to Monmouth Beach. One way tickets to Monmouth Beach should be bought as the return will be made by train. Boat leaves 42d St., North River, at 8:50 A. M., and foot of Cedar St., at 9:10 A. M. Acceptance should be mailed to Harrison Wilmot, 1 Madison Ave. with check for five dollars.

The preparations for the establishment of a nitrogen industry by the "Strikstof-Syndicat" at Bandoeng, Java, have taken firm shape. Promoters believe that realization of the scheme will not only result in making agricultural estates in Java independent of foreign nitrogen fertilizers, but that prices of manufactured goods will drop considerably.

Dr. Julius Klein, Director of the Bureau of Foreign and Domestic Commerce, sailed on June 10, on the George Washington, to inspect the Government's European offices.

What Are Your Chemicals Costing?

With Chemicals Sixty Per Cent Under Average Price for All Other Products, Buyers Are Spending Smaller Part of Their Dollar For Chemicals To-Day Than Ever Before — How Long Can It Last?

WHEN a man bought a pair of shoes back in 1912 or 1913, the cost of the tanstuffs, chemicals, colors, and allied products represented in the shoes, might have cost perhaps fifty cents. Today, with finished shoes at fifty or sixty per cent above the prices of 1913, the so-called chemical constituents represent less than fifty cents. Where chemical materials represented say ten per cent of cost from raw hides to finished shoes in 1913, at present prices they represent in the neighborhood of six per cent.

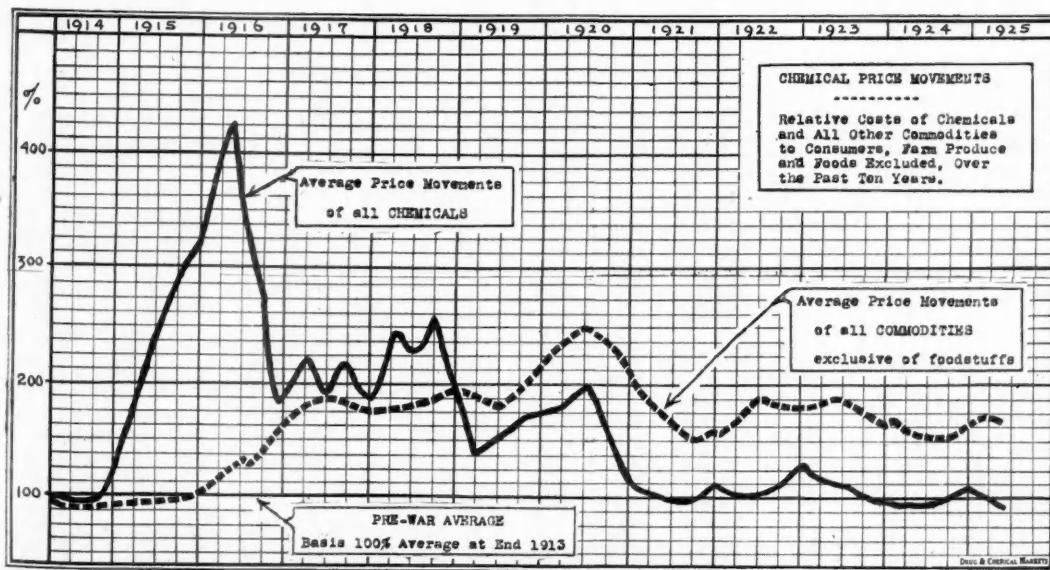
Multiplying this case by a million and the relative position of chemicals, dyes, intermediates, and similar products, in the scheme of economic America to-day is pictured. In clothing, paint, paper, medicines, glassware, steel—in the hundreds of industries into which chemicals go, the cost of chemicals is not only lower compared to other groups of raw materials, but actually lower, dollar for dollar, than the cost of the same chemicals back in 1913. The fact that chemicals are much lower and represent a smaller part of the buying dollar of consumers to-day than they did before the war, is not new—neither is it news. The condition has existed for five years. Instead of equalizing, the past eight months has seen a wider divergence between chemicals and other commodities. Last

October, the difference was about fifty per cent; today, it is closer to seventy-five per cent. Why?

The answer is just as close to the pocketbook of the chemical consumer as it is to that of the chemical seller, be he manufacturer or importer. Based on wages paid to labor, cost of equipment and raw materials generally, 150% price for any commodity compared to a 1913 figure of 100%, is not out of line. If, on the whole, commodities are correctly priced, then there is something radically wrong with the chemical situation which is forcing this industry, no matter whether in Europe or America, to sell its goods at a heavy discount.

In 1922, when the Fordney Tariff Act was passed, broad advances in chemical prices were predicted and honestly expected because at that time chemicals were selling very low. For a few months, prices did advance slightly, but early in 1923 began a steady descent for over a year and a half, bringing them to lower levels than before the tariff was passed. The logical answer appears to be that competition within the United States was materially sharpened by the tariff. New manufacturers were enticed into the business by higher tariff rates, and consequent competition has been keener and keener as time passed. Some effect of imports has been noted and would undoubtedly have been more apparent if internal competition had not been so sharp. Nevertheless, low prices of numerous chemicals can trace their origin directly to the Fordney Tariff which so many American consumers opposed because they feared it would jeopardize their business.

Theorizing over what caused the present situation in the chemical industry does not solve the problem for



For six years, chemicals have been selling lower than the average of all other commodities. Just as the peak of 1916 was caused by acute scarcities of intermediates and coal-tar products chiefly, so the slump since 1921 was influenced mostly by lower and lower prices for these products. The averages given here are based on prices of twenty each of industrial chemicals, fine and medicinal chemicals, and coal-tar crudes and intermediates.

the American manufacturer and importer, nor does it sound the warning gong for the consumer of chemicals. The real question is, how long can it last? No industry can continue indefinitely and pay no return on its investment. No industry can pay higher costs and sell at lower prices, unless its previous margin of profit was excessive, and this was obviously not the case before the war as was evidenced by the size and strength of the American chemical industry. Buyers cannot expect to purchase for any great period of years at prices below those based on economic common sense. Those that do, are letting their wishes override their business judgment.

Several things may happen over the next few years. Continuation of present conditions may break some of the weaker links in the chemical chain. It may be just a straight case of survival of the fittest. Over the past few years, however, in spite of severe competitive conditions, the number of new chemical manufacturers has increased rather than decreased. Most all the new makers have come into the market with one or two products only. The elimination process has not worked out as expected. A year or two of excessively bad general business is needed, according to one or two chemical executives, to purge the industry of what they term "hangers on." Only after such a severe purging, they claim, can any genuine readjustment of chemical conditions be made, and it is during this period of readjustment that the chemical consumer will pay for the low prices of the past six years.

To narrow the chemical business down to a hundred strong factors in place of the several hundred strong and weak mixed, as it is to-day, will mean higher prices. Even in spite of revolutionary improvements in manufacturing methods, and the chemical industry seems destined to receive numerous shocks in this direction over the next few years, a tendency toward concentration of control would bring a simultaneous demand for larger profits and the higher prices which go to make them. New processes, however, will bring only a gradual change. Developments like the recent synthetic methanol are not likely to affect seriously in a few years an industry handling a thousand or more products. Cutting production costs in half or to a quarter, may play havoc with certain branches of chemistry over the next few years, but the real changes in marketing and sales prices will undoubtedly have to be made in the industry in its present shape.

America has a chemical industry which can supply far more than its home requirements. Add to this, all imported chemicals, and a large oversupply is constantly depressing the market. Where does the consumer fit into this picture? He has been buying chemicals about forty per cent under a pre-war ratio based on the purchasing power of the dollar, and has been the beneficiary of a wartime "hang-over" in chemicals. Although in 1915 and 1916, he paid wild speculative prices, this has been more than made up since 1919. He has been buying almost any product in a market supplied by four or five manufacturers, making perhaps 10,000 tons per year each, where one or two makers with a combined output of 20,000 tons could take care of the demand—a market surfeited by unnatural competition which cannot continue indefinitely. He has, as indicated by the chart, been buying \$1.60

worth of chemicals for 90c, the cheapest price of the past two decades.

Because chemicals are cheap, however, is certainly not the fault of the consumer. Any purchasing agent who paid more than he had to for any product, except perhaps under special circumstances, would be looked upon with suspicion. A buyer who did not take advantage of the present market in chemicals to cover cheaply, would be derelict in his duty to his firm. The vital question is, how long will the present market continue, how long will it take the chemical sellers to put their house in order and return prices to the point where they again command a hundred cents of the dollar?

BIDS FOR DRY COLORS OPENED

Offers by Manufacturers to Supply the Bureau of Engraving and Printing
(*Special to DRUG & CHEMICAL MARKETS*)

Washington, June 10—Bids for supplying dry colors for the Bureau of Engraving and Printing are as follows:

Mixed black: Binney & Smith Co., 12.875c per pound and 13c; A. Wilhelm Co., 13.125c or 13.25c; Glidden Co., 13.5c or 13.375c; Heath & Milligan Manufacturing Co., 13.375c or 13.25c; Siemon & Elting, 14c or 13.375c; Chas. Wix & Co., 19.5c or 17.5c.

Carbon black, grade 1: J. M. Huber, Inc., 24c per pound; Binney & Smith Co., 27c; all samples rejected.

Carbon black, grade 2: Binney & Smith Co., 14c.

Magnetic oxide of iron: Toch Bros., 10c per pound; Magnetic Pigment Co., 14c; Binney & Smith Co., 10c; all samples rejected.

Barytes: National Pigments & Chemical Co., 1.15c per pound f.o.b. factory; Point Milling & Manufacturing Co., 1.124c; C. P. Delere Co., 1.1412c; D. H. Litter Co., 1.45c f.o.b. Washington; rejected.

Paris white—Thompson Weyman Co., .9308c per pound, preferred bidder; Independent Gravel Co., 105c.

Zinc white—Eagle Picher Lead Co., 9c per pound, preferred bidder.

Hydrate of alumina—H. Kohnstamm & Co., Inc., 17c per pound, preferred bidder.

Chrome green—Glidden Co., 21c per pound, preferred bidder.

Prussian blue—Heath & Milligan Manufacturing Co., 29c per pound, preferred bidder.

Bronze blue—E. I. du Pont de Nemours & Co., 30.75c per pound, preferred bidder.

Chinese blue—Mangano Manufacturing Co., 31c per pound, preferred bidder.

Ultramarine blue—Standard Ultramarine Co., 17.75c per pound, preferred bidder.

Redlake No. 1—Federal Color Laboratories, Inc., 25c per pound, preferred bidder.

Redlake No. 6—Federal Color Laboratories, Inc., 14c per pound, preferred bidder.

Chrome yellow, lemon shade—J. Spencer Lucas 13.9c, preferred bidder.

Chrome yellow, medium shade—J. Spencer Lucas 16.2c per pound, preferred bidder.

Chrome yellow, orange shade—J. Spencer Lucas 16.85c per pound, preferred bidder.

Orange mineral—Eagle Picher Lead Co., 15.5c per pound, preferred bidder.



Industrial Chemical SECTION

May Dye Imports Smallest of the Year

Only 370,271 Pounds Compared with 451,005 in April—Valuation Is \$347,904 Against \$426,141 for the Previous Month—Imports of Medicinals Amounted to 317,241 Pounds, Valued at \$78,978, a Much Larger Total than for April—Germany Supplied 50 Per Cent of Imports and Switzerland 32 Per Cent.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 10—A decline in total tar dye imports during May is noted by the Chemical Division of the Department of Commerce and Chemical Division of the Tariff Commission which report totals of 370,271 pounds compared with 451,005 pounds in April. The valuation is estimated at \$347,904 against \$426,141 for the previous month. The imports are the smallest this year to date. The following table gives the receipts by months and valuation:

	1925	1924		
	Pounds	Invoice Value	Pounds	Invoice Value
January	405,984	\$359,376	238,643	\$237,868
February	373,259	365,268	161,869	780,570
March	527,964	485,501	302,799	307,247
April	451,005	476,141	176,550	183,789
May	370,271	347,904	183,079	177,553
Total 5 Mos.	2,126,483	1,987,190	1,062,940	1,087,027

Imports for the month of May by ports were as follows: New York 353,326 pounds, invoice value \$34,525; Boston 13,945 pounds, invoice value \$10,519; Philadelphia 3,000 pounds, invoice value \$2,860; total 370,271 pounds, invoice value \$347,904.

Germany supplied 50 per cent of May imports, against 46 per cent in April and Switzerland 32 per cent against 34 per cent in the preceding month.

Five dyes leading by quantity imported during May were indanthrene blue GCD, 16,520 pounds; indanthrene golden orange R, 15,755 pounds; rhodamin B, 14,390 pounds; alizarine paste 20 per cent, 13,846 pounds; and ciba scarlet G extra, 11,434 pounds.

Dyes remaining in bond on April 30 totaled 668,365 pounds against 653,020 pounds on March 31. Coal tar intermediates in bond on April 30 totaled 1,048,334 pounds against 653,020 pounds on March 31. Coal tar tar by months follows:

Dyes Remaining in Bonded Customs Warehouse

Date	Coal-Tar Dyes and Colors (Pounds)	Coal-Tar Intermediates (Pounds)
Aug. 31, 1924	507,338	1,081,287
Sept. 30	559,661	1,111,656
Oct. 31	552,556	1,050,037
Nov. 30	553,760	1,031,460
Dec. 31	575,051	1,086,108
Jan. 31, 1925	571,371	952,202
Feb. 28	566,038	961,406
March 31	653,020	1,050,539
April 30	668,365	1,048,334

Imports of synthetic aromatic chemicals were as follows: January 6,645 pounds, invoice value \$26,831; February 5,088 pounds, invoice value \$18,875; March 11,018 pounds, invoice value \$21,040; April 15,020 pounds, invoice value \$33,543; May 8,761 pounds, invoice value \$13,216.

Imports of medicinals, intermediates, photographic developers, and other coal-tar products follow: January 177,268 pounds, invoice value \$34,317; February 487,015 pounds, invoice value \$74,995; March 282,368 pounds, invoice value \$124,287; April 34,213 pounds, invoice value \$26,743; May 317,241 pounds, invoice value \$78,978.

Color lake imports were: January 385 pounds, value \$728; February 2,112 pounds, value \$1,926; March 5,422 pounds, value \$2,061; April 15,660 pounds, value \$6,167; May 1,600 pounds, value \$1,079.

MARIETTA REFINING CO. WINS SUIT

(Special to DRUG & CHEMICAL MARKETS)

Columbus, O., June 10—The suit of Nicholas L. Kalman, former chemist of Marietta Refining Co., to recover \$39,161 and interest from Dec. 31, 1920, which he claimed as his share of the profits of the company during the first nine months of that year, was decided in favor of the Marietta Refining Co., by a jury in the United States District Court at Columbus, Judge Hough presiding. The books of the company were kept by the inventory system instead of by sales and expense method, and the company's contention was that Kalman built up paper or estimated profits by arbitrarily raising cost prices on the finished products made by the company, and also on the materials in process during the first nine months of 1920.

The company also charged Kalman with fraudulently inflating the quantities of materials in process, as 53 per cent of the alleged values vanished when the materials in process were actually run out at the end of December, 1920. A shrinkage in value of \$81,382.48 took place during the two month period required to run out the materials in process using the same or higher cost prices than at the beginning of the year, showing that decline in market would not account for the shrinkage in value. The attorneys appearing for Kalman were Allen C. Roudebush, of Cincinnati, Dana C. Reynolds, of Columbus, and H. C. Clark, of New York City. C. C. Middleswart represented the Marietta Refining Co.

The New Jersey Chancery Court has awarded one half the \$20,000 insurance fund paid by the American Eagle Fire Insurance Co., on the burning of Sepoy Color & Chemical Co.'s plant to John M. Connor, owner of the building in which the plant was housed. The remainder of the sum will be held by the court until the rights of George Bothalmey, another claimant have been decided.

The Heavy Chemical Market

Current Spot Quotations for Heavy Chemical pages 1726-1744

BUTYL ALCOHOL $\frac{1}{2}$ c LB. LOWER FOR JUNE

Copper Sulfate Down on Slight Demand—Sodium Nitrate Shaded—Arsenic Lower—Pruvates Very Firm—Carbon Tetrachloride Slightly Easier—Sodium Hyposulfite Strong—Sodium Sulfide Shows No Easiness—Market Very Steady

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced
No advances.
Declined

Alcohol, Butyl, $\frac{1}{2}$ c lb.	Copper Sulfate, 10c 100 lb.
Arsenic, $\frac{1}{2}$ c lb.	Sodium Nitrate, $\frac{2}{3}$ c 100 lb.

Trend of the Market

	Last Week	Last Month	Last Year	War Peak	War	Prev.
Acetic Acid, Glacial ...lb.	.10	.10	.11	.11	\$.19 $\frac{1}{2}$ c	.07
Sulfuric Acid, 66 deg. ton	14.00	14.00	14.00	14.00	55.00	20.00
Ammonium Sulfate, 100lbs.	2.75	2.75	2.75	2.70	7.50	2.65
Bleaching Powder, 100lbs.	1.90	1.90	1.90	1.90	9.50	1.50
Copper Sulfate, c/l 100lb.	4.55	4.65	4.65	4.65	20.00	4.50
Potash, Caustic, Imp. ...lb.	.07 $\frac{1}{2}$	.07 $\frac{1}{2}$	.07 $\frac{1}{2}$	.06 $\frac{1}{2}$	.87	.08
Soda Ash, 58 p.c. ...100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76 p.c. 100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate, lb.	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.09 $\frac{1}{2}$	.65	.06 $\frac{1}{2}$
Sodium Prussiate, Imp. ..	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10	.09 $\frac{1}{2}$	1.25	.18
Average	2.916	2.926	2.927	2.922	10.79	2.99

No change from the firm though quiet condition of the market for heavy chemicals has been recorded during the week. Factors continued to report a seasonal lull, but prices were maintained at former levels on practically the entire list. Arsenic is slightly lower although buying is in fair volume. Butyl alcohol prices are lower for June. Acetone is very firm, due to a heavy seasonal demand, and makers of acetone from acetate of lime have resumed manufacture owing to the increased prices and the recent reduction in acetate of lime.

Imported products are changing hands at the same prices and potassium carbonate and sodium prussiate are very firm, while sal ammoniac and barium chloride and carbonate remain in a weak condition although efforts to drive prices below present low levels have not met with success. Domestic quotations have shown no variation on any product and the volume of products moving on contracts is of satisfactory proportions.

Acetone—Market very firm at 12c lb. for tanks or carlots of drums. Manufacture has been resumed by acetone-from-acetate-of-lime producers.

Acid Acetic—Steady movement reported by makers who quote prices at recent reduction for carlots of barrels: 28% \$3.00 100 lb.; 56% \$5.60; 70% \$6.89; 80% \$7.73; glacial \$10.57.

Acid Formic—Firm situation continues and prices are holding at unchanged figures.

Acid Lactic—Market firm at unvaried prices and makers report no decline in the demand.

Acids Mineral—Sulfuric and nitric acid quotations are unchanged and makers are reporting a firm market.

Acid Oxalic—Imported and domestic continue firm at 10 $\frac{1}{2}$ c@11c lb.

Alcohol Butyl—The domestic maker has lowered quotations $\frac{1}{2}$ c lb. and now quotes for contract shipments, 24 $\frac{1}{4}$ c lb. for tank cars; 24 $\frac{1}{4}$ c lb. for carlots of drums; and 25 $\frac{1}{4}$ c lb. for l.c.l. Spot prices are 1c lb. above contract prices.

Alum Potash—Imported material very firm at \$2.75 @2.87 $\frac{1}{2}$ 100 lb. due to limited supplies available. Domestic prices are firm but unchanged.

Ammonium Chloride—Domestic makers are quoting unchanged prices while importers name recent low prices of 5 $\frac{1}{4}$ c@5 $\frac{1}{2}$ c lb. for white, and 6 $\frac{1}{2}$ c@6 $\frac{1}{4}$ c for gray.

Arsenic—Market unsettled and although 4 $\frac{1}{2}$ c lb. is reported to be the firm price in some quarters, goods are available from other factors at 4 $\frac{1}{2}$ c@4 $\frac{1}{4}$ c lb. Buying is of slight volume.

Barium Salts—Chloride remains weak at \$60.00 ton for barrels of large crystals. Carbonate is in large supply at \$50.00 ton.

Bleaches—Bleach market remains in firm condition with quotations on imported and domestic products showing no variation in any quarter. Chlorine is moving in heavy volume at unchanged prices.

Carbon Tetrachloride—Supplies are available for earlier shipment in some quarters although the demand remains sufficient to keep the market firm.

Copper Sulfate—Market weak due to slight demand and carlots are available on spot at lower prices of \$4.30 100 lb.

Epsom Salt—Technical steady at unchanged prices for both domestic and imported products. U.S.P. very firm in all quarters.

Glauber's Salt—Domestic makers continue to report a very heavy request and prices are firm. Imported material steady at recent prices.

Potassium Bichromate—Makers are maintaining their schedules without difficulty in all transactions. Demand is fair.

Potassium Prussiate—Offerings are light although the demand is only routine. Prices are steady at 18 $\frac{1}{2}$ c @19c lb.

Soda Ash—Only the usual decline is reported in this market and prices are firm in all directions.

Sodium Bichromate—Prices show no variation although the demand is only of routine size.

Sodium Hyposulfite—Although prices are unchanged a much heavier movement is reported and a much firmer condition exists for both imported and domestic regular and pea crystals.

Sodium Nitrate—Spot prices eased off further this week and factors quote \$2.55 $\frac{1}{2}$ 100 lb.

Sodium Prussiate—Imported material remains unobtainable in any quantity on spot and domestic makers name 10 $\frac{1}{2}$ c@10 $\frac{1}{4}$ c lb. for prompt shipment. Guaranteed shipment from abroad is offered at 10 $\frac{1}{4}$ c lb.

Sodium Sulfide—Unchanged conditions prevail in this market and imported is scarce while domestic makers are firm at unchanged prices.

BEGIN METHANOL INVESTIGATION

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 10—Customs Service agents in Germany are making an investigation of the synthetic methanol industry to determine whether methanol is being dumped in the American markets. Charges have been made by the United States industry that the large quantities of methanol being imported into the United States and sold at low prices are disposed of in this country at less than the price abroad. Substantiation of this charge by the customs agents would warrant the issuing of an embargo. The Treasury agents are seeking to learn the foreign market value as well as the cost of production.

STUDY CHEMICAL ACHIEVEMENT LIST

Seventy-five to eighty applications for the Court of Chemical Achievement to be held in conjunction with the Tenth Exposition of Chemical Industries at the Grand Central Palace, New York, during the week September 28 to October 3, have been received and most of them have been submitted to the Approval Committee of the American Chemical Society. Preliminary consideration of some of the applications, which are for new chemical products, instruments, equipment, and new processes developed in the United States during the past few years, indicate a few will probably not be accepted.

The Insecticide and Disinfectant Manufacturers Association will hold its annual convention at Boston, June 18-20. It is planned to have those who are travelling to the convention via New York make the trip from New York by either the Fall River Line or the Eastern Steamship Co. which will provide an overnight trip through Long Island Sound passing through Cape Cod Canal. Reservations at Hotel Lenox are being made by the secretary, Harry W. Cole.

Two scholarships worth \$900 will be awarded this year by the Chemists Club of New York to students in industrial chemistry and chemical engineering. They are the Bloede scholarship, with an income of \$500, founded by Dr. Victor G. Bloede of Baltimore, and the Hoffmann Scholarship, with an income of \$400, endowed by William H. Hoffmann of Newark.

The quartermaster at Fort Sam Houston, Tex., has awarded the following contracts for chemical supplies: 3,808 lbs. bicarbonate of soda of Mathieson Alkali Works at 3.4c lb.; 3,248 lbs. bicarbonate of soda to J. Barrow, Dallas, at 3.4c lb.; and 3,600 lbs. sulfuric acid to Texas Chemical Co., at 4c lb.

The quartermaster at Fort Mason, San Francisco, has awarded the following contracts for chemicals: 2,100 gals. acetic acid, Los Angeles Soap Co., at 13½c; 320 lbs. oleic acid to Herbert F. Duggan, San Francisco at 22c; 5,400 lbs. soda ash to L. H. Butcher Co. at \$2.35 per 100 lb.

The Canadian Institute of Chemistry, held its annual convention at the Ontario Agricultural College, Guelph, Ont., on June 3 to 5 with a large attendance. Prof. Robert Harcourt, Department of Chemistry of the Ontario Agricultural College, was elected president.

The Chemical Foundation case has been advanced on the calendar by the United States Supreme Court for hearing immediately following the cases set for Nov. 2.

ELON H. HOOKER ELECTED PRESIDENT OF THE MANUFACTURING CHEMISTS

Henry Howard Heads the Executive Committee, S. W. Wilder Is Treasurer and John I. Tierney Secretary—Another Effort to Place Nitrate of Soda on the Dutiable List Expected—Improved List of Chemical Imports Planned by Secretary Hoover.

The Manufacturing Chemists Association listened to the presidential address of Elon H. Hooker, at the annual meeting at the Whitehall Club, 17 Battery Place, New York, June 3, heard the report of the Executive Committee, and elected the following officers:

President—Elon H. Hooker, of Hooker Electrochemical Co.

Vice Presidents—Warner D. Huntington, Davison Chemical Co.; H. A. Galt, Columbia Chemical Division, Pittsburgh Plate Glass Co.

Secretary—John I. Tierney, 540 Woodward Bldg., Washington, D. C.

Treasurer—S. W. Wilder, Merrimac Chemical Co.

Executive Committee: Henry Howard, Grasselli Chemical Co.; Adolph G. Rosengarten, Powers-Weightman-Rosengarten; Dr. Chas. L. Reese, E. I. duPont de Nemours & Co.; Wm. H. Bower, Henry Bower Chemical Mfg. Co.; C. W. Millard, General Chemical Co.; H. F. Atherton, National Aniline & Chemical Co.; Wm. F. Barrett, Carbide & Carbon Chemical Corp.

President Hooker spoke on the vital necessity of the chemical industry to every other industry in peace, and to a still greater extent in time of war.

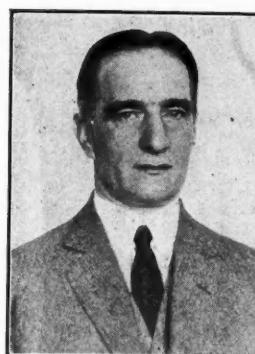
In the annual report of the Executive Committee the statement is made that "within the last few months word has come to us that there is prospect of a protest being filed against a typical importation of high grade nitrate of soda in order to lay foundation for a hearing on the issue before the Board of General Appraisers. Your committee has made arrangements with the United States Attorney in charge of customs cases for permission to intervene in the event the protest comes to trial."

The statement refers to the effort of a domestic manufacturer of double refined nitrate to obtain from the Treasury Department a classification which would have the effect of imposing a duty of 25 per cent ad valorem upon all importations of nitrate testing above 95 per cent.

On Sept. 16 last, after protest by the Manufacturing Chemists Association, the Treasury gave a decision continuing nitrate of soda on the Free List.

The report of the Executive Committee also says that Secretary Hoover has arranged for monthly reports on importations of a more comprehensive list of chemicals, and to have an intensive survey made of foreign markets with a view to stimulating export trade in chemicals.

Other subjects discussed in the report are the Cramton Bill, Stream Pollution, the Tariff Commission, Multiple Unit Tank Cars, Transportation of Poisons, and Benzol Poisoning.



The Intermediate and Dye Market

Current Spot Quotations for **Intermediates**, see Chemicals pages 1726-1744

PYRIDINE DECLINES SHARPLY TO \$4.25

Lack of Demand the Cause—Benzene Very Firm at Recent Advance—Solvent Naphtha and Toluene in Active Demand—Naphthalene and Cresylic Acid Unchanged—Intermediates Show No Change—Movement Slightly Better—Prices Firm on Most Products.

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced
No Advances
Declined
Pyridine, 25c gal.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Benzene, pure	\$.24	\$.23	\$.23	\$.25	\$1.10	\$.25
Naphthalene flake	.05	.05	.05	.05 1/2	.16	.03
Phenol Spot	.24	.24	.24	.29	1.50	.08
Toluene	.26	.26	.26	.26	..	..
Aniline Oil	.16	.16	.16	.16	1.40	.10 1/2
Alpha-naphthylamine	.35	.35	.35	.35	1.28	..
Terephthaldehyde	.70	.70	.70	.75	..	..
Betanaphthol	.24	.24	.24	.26	1.50	.08
Dimethylaniline	.32	.33	.33	.36	1.80	..
Paranitroaniline	.58 1/2	.58 1/2	.60	.70	1.58	.18
Average	.314	0.314	.316	0.344	..	..

Distributors of light oils report an active demand and several factors are unable to offer any products for the present. Pure benzene has been advanced by some holders. The full effect of the recent strength of the gasoline market is being felt strongly. Holders of pyridine stocks report an absolute lack of demand and quotations have been lowered sharply. Naphthalene, cresylic acid and phenol occupy unchanged positions.

Manufacturers of intermediates report a steady movement of supplies and although an improvement is noted in the demand the volume moving is only routine. Prices of intermediates have shown no change over the week and quotations remain firm on most products.

Crudes

Benzene—Distributors report a heavy demand and factors with available supplies are quoting prices firm at last week's advance. Benzene 90% is very firm at 23c gal. in tanks and 28c gal. in drums at ovens. Pure is still named at 24c gal. in tanks and 29c gal. in drums although some factors are quoting 25c gal. in tanks and 30c gal. in drums. The heavy demand and the firm condition is expected to hold due to the fact that the gasoline market is apparently firm and consumers are anxious to cover.

Cresylic Acid—Situation shows no change and holders of stocks are firm in their quotations. Only a few strong hands are in possession of any great quantities of the material.

Naphthalene—No improvement reported in the situation and makers who are in control of the market name firm prices at recent figures.

Phenol—Prices remain unchanged and factors are reporting a steady condition.

Pyridine—An absolute lack of demand has brought

about a sharp decline in prices. Factors are naming prices of \$4.25@\$4.35 per gal., drums included. A further break is likely if a demand does not make its appearance shortly.

Solvent Naphtha—Active demand reported by distributors for all available offerings. Prices are being firmly maintained at unchanged figures in all quarters.

Toluene—Several factors report a sold-up condition and prices are showing no variation in quarters where offerings are to be had.

Xylene—Market very firm for the commercial product and factors are still under pressure to supply the demand. Other grades are also in active request. Prices on all grades are unchanged.

Intermediates

Acid Gamma—Fair demand reported by makers who quote recent prices.

Acid H—Selling competition remains keen for the few small orders in the market. Manufacturers are quoting unchanged prices without exception.

Acid Laurent's—No change in quotations reported and market is quiet.

Acid Metanilic—Makers remain firm in prices although only slight movement is reported.

Acid N & W—Fair movement of supplies reported by makers who name firm unchanged prices.

Aniline Oil—A large volume continues to move to consumers and the market is steady with prices very firm in all quarters at unchanged figures.

Dimethylaniline—Market steady and all manufacturers are firm in their quotations at 32c lb. in carlots, and 33c@34c lb. in less than carlots. While the demand is not active large quantities are moving to consumers on contracts.

Dinitrobenzene—Makers name firm unchanged prices and report a fair request.

Ethyl-benzyl-aniline—Quotations remain at \$1.05@\$1.10 lb. with manufacturers reporting only a routine demand.

Meta-nitro-para-toluidine—Steady movement of supplies reported by manufacturers who quote prices at last week's reduction to \$1.90@\$2.00 lb. as to quantity.

Nitrobenzene—Firm condition reported in all quarters and the movement of supplies is of satisfactory proportions.

Ortho-anisidine—Slight demand reported by makers although prices are firm and unchanged.

Ortho-nitro-toluene—Occasional offerings are found on the market although most factors have nothing to offer and quotations are nominal.

Ortho-toluidine—Situation remains unchanged and most makers have no supplies available and quotations are nominal.

Para-nitroaniline—Market firm at recent reduction to 58 1/2@60c lb. Steady demand reported in all quarters.

Para-toluidine—Market remains in a weak condition and makers are holding large stocks with only a slight demand. Quotations show no change since there is no visible consumption for the large stocks.

GRASSELLI CHARGES INFRINGEMENT

Patented Dyestuffs of Bayer Manufacture, for Which Grasselli Is the Only Licensee Under United States Patent, Illegally Imported and Sold at Lower Prices, Says Company—Appeal to Consumers

Grasselli Dyestuff Corp., New York, report that certain patented dyestuffs of Bayer manufacture of which they are the only licensee under U. S. patents held by Grasselli Chemical Co. are being illegally imported and sold at lower prices through other channels. In order to maintain their rights in the matter they are appealing to the consumers of these colors asking their cooperation in preventing any infringement of patent rights by placing their orders direct with Grasselli Dyestuff Corp. or with legitimate dealers.

Grasselli Dyestuff Corp. claims that the colors which are being offered in this illegitimate manner are not secured direct from the manufacturer and are obtained in most instances at prices far below the home market value in Germany which represents the basis upon which Grasselli Dyestuff Corp. pays for these products.

A copy of a letter that Grasselli Dyestuff Corp. is sending to a large number of consumers accompanied by an extract from the list of patented colors controlled by the company follows:

Gentlemen:

For your information, we are sending you herewith, an extract from the list of patented colors manufactured by the Farbenfabriken vorm. Friedr. Bayer & Co. The Grasselli Chemical Co. own the American patents on these products and has granted the Grasselli Dyestuff Corp. sole license for the importation of said patented colors. It has come to our attention, that certain of these patented products have been offered to the trade by concerns other than the Grasselli Dyestuff Corp.

No license has been granted since July 1, 1924, to anyone other than the Grasselli Dyestuff Corp. to import these colors. Therefore, the importation and sales of such patented products by unauthorized parties is an infringement of the patent rights licensed to this Company and will be prosecuted wherever possible.

We beg to express the hope that as a possible buyer of some of these patented products, you will co-operate with us by obtaining your requirements of same either direct from the Grasselli Dyestuff Corp. or thru such other reliable dyestuff firms whose reputation is a guarantee that they are offering these colors in a legitimate manner, consistent with our patent rights.

Yours very truly,

GRASSELLI DYESTUFF CORPORATION.

DYESTUFFS COVERED BY U. S. PATENTS CONTROLLED BY GRASSELLI DYESTUFF CORP.

Acid Anthracene Red 2BL, 3BL Cellit Fast Red B
Acid Chrome Red B Cellit Fast Rubine B
Vigole Bordeaux 3B Chrome Brilliant Scarlet BD, GD
Algoe Brilliant Red 2B Chrome Fast Red BD, GD
Algoe Corinth R Chrome Fast Scarlet BD, 2GD
Algoe Pink R Diamonf Red 5B, 3G
Algoe Red FF, 2G, 5G, R, R Ex. Diazol Brilliant Scarlet BG Ex.
Algoe Scarlet G, Diazol Fast Bordeaux BL
Vigole Geranole B Diazol Fast Red 5BL, 7BL
Alizarine Indigo Red B Diazol Fast Scarlet BL
Alizarine Indigo Pink B Diazol Geranine B Ex.
Alizarine Rubinole 3G, 5G Callio Corinth GTC
Astraporphine FF Ex. Helio Bordeaux BL, 2B
Benzol Fast Bordeaux 6BL Helio Fast Carmine CL
Benzol Fast Easine BL Helio Fast Pink RL
Benzol Fast Red 6BL, 8BL Helio Fast Rubine BL, 6B, RL, 2BL
Benzol Fast Red 6BL, 8BL Paper Fast Bordeaux B
Benzol Fast Scarlet 4FB, 8FB, 5BL Radio Red G
Benzol Form Red G, 2GF Rosol Red B
Benzol Form Scarlet Red G Rosol Scarlet G
Brilliant Geranole 2BN Supramine Red 2G

Algoe Orange R Benzo Form Yellow R, GL, GL Ex
Algoe Brilliant Orange FR Benzo Pure Yellow FF
Benzol Fast Orange 2RL Brilliant Benzo Light Yellow GL
Benzol Form Orange G Cellit Fast Yellow R
Chrome Fast Orange RD, RM Chrome Brilliant Yellow 3G
Diazol Brilliant Orange 5G, GL Ex. Diazol Light Yellow 2G, GL
Indanthrene Golden Orange 3G Fast Light Yellow 2G, 3G, RG, GGN
Milling Orange G Helio Fast Yellow RL, GL, 6GL
Suphene Orange 5G SGL, H 10 G.
Toluylene Fast Orange GL Indanthrene Yellow 3GF
Acid Chrome Yellow GL Leucole Yellow G
Algoe Yellow 3G, 3GL, R, WG, G Radio Yellow R
Benzol Fast Yellow 4GL Ex, RL, FF Supramine Yellow G, 3G R

Algoe Olive R
Alizarine Indigo Green B
Alkali Fast Green 10G

Diazol Brilliant Green 3 G
Diazol Fast Green BL, GF
Diazol Olive G

Anthracyanine Green BL, 3GL
Benzol Form Green FFL
Benzol Fast Green FF, FFG
Brilliant Hello Green GG Ex
Chromoxane Green 2G, 2F

Algoe Blue K, 3R, 3RP
Alizarine Fast Blue BHG
Alizarine Indigo B, G, 3R, 7G, R, 3R, 5B, 7R
Alizarine Sky Blue 3R
Alizarine Uranole 2B, R
Benzol Form Blue B, 2BL, G Ex
Diazol Sky Blue B, 3G, 3GL
Etiolard Discharge Blue B
Gallazurine B, R
Gallo Navy Blue RN, WsN
Gallo Phenine Powder B
Half Wool Blue RB, 3R

Algoe Brilliant Violet B, 2B, R, RP
Algoe Violet B
Alizarine Astrole Violet B
Benzol Fast Heliotrope B, BL, 2BL, 4BL, 2R, 2RN, 2RB 5RH
Brilliant Benzo Violet 2RH
Brilliant Chrome Violet BD
Cellit Fast Violet 2R
Chrome Brilliant Violet BD

Aid Anthracene Brown P
Algoe Brown G, R
Alizarine Indigo Brown R
Alizarine Fast Brown GL
Anthracyanine Browns
Benzol Fast Brown GL, 3GL, RL
Cellit Fast Brown
Chromoxane Brown R, 5R.
Diazol Brown RT, GG, FFR
Indanthrene Yellow Brown 3G
Katigen Red Brown RK
Katigen Pronge GL
Katigen Cutch GK, 5 RL

Algoe Black B, CL, FB, JBS, PB, RO

Algoe Grey B, 2B
Alizarine Indigo Grey B
Alizarine Indigo Black B
Benzol Fast Grey BL

Celloxan

Indanthrene Yellow GK
Indanthrene Orange G RTK
Indanthrene Brown R
Indanthrene Corinth RK
Indanthrene Brilliant Violet BBK
Indanthrene Olive R
Indanthrene Grey GK

Gallo Viridine DP, GB, ND
Katigen Deep Green G Ex, K Ex
Katigen Green GK Ex, 2GK Ex
KF Ex, MK Ex
Sulphone Acid Green 2BL, B

Brilliant Hello Blue FF Ex, FFB
Bromo Indigo FB, FBD, FBP
Cellit Fast Blue R
Chromoxane Blue R, RD
Diazol Brilliant Blue 2BL Ex
Diazol Indigo Blue 4GL Ex, 2BL Ex, 3BL, BL
Hello Marine Blue, RL
Mono Chrome Black Blue G
Mono Chrome Blue 3G, R, 5R.
Supramine Blue R
Victoria Navy Blue DK, E, L, LH
Wool Fast Blue BL, GL, 5G, Ex

Chromoxane Brilliant Violet SB SR
Chromoxane Violet B, BD, 5B, 5BD, R, RD
Diazol Fast Violet 3RL, BL
Gallo Corinth GD
Gallo Heliotrope BD
Victoria, Fast Violet B ex 2R ex
Wool Fast Violet B

Katigen Yellow Brown OX, R Ex., GGL, RL, RL Ex, 3RL Ex, RD, BK
Monochrome Brown G, 3G, 5R, V, T
Pluto Brown R
Sulphone Acid Brown 2R, 4R
Supramine Brown R, G
Toluylene Fast Brown 3G, 2R
Cellit Fast Brown
Chromoxane Brown R, 5R.
Diazol Brown 3G, 6G, NR, 3R, 3RB
Indanthrene Brown RT, GG, FFR
Pluto Brown R
Sulphone Acid Brown 2R, 4R
Supramine Brown R, G
Toluylene Fast Brown 3G, 2R

Diamond Black PG Ex
Monochrome Black F
Naphthylamine Black 4BL, 5GL
Pluto Black RS Ex, 5BS Ex, TG Ex
Radio Black SB
Supramine Black BR

Katanol O, W.

Indanthrene Orange BRK
Indanthrene Brown G
Indanthrene Red 5 GK
Indanthrene Violet RK
Indanthrene Blue RK
Indanthrene Grey K

ESSEX ANILINE FILES REPORT

Essex Aniline Works, Inc., Boston, with New York office at 117 Hudson St., has filed the following financial statement in Massachusetts for the year ended Dec. 31, 1924:

Assets: Real estate, \$32,961; machinery, \$33,738; furniture, fixtures and tools, \$2,288; autos, trucks and teams, \$251; merchandise, \$45,956; accounts receivable, \$18,830; cash, \$4,052; securities, \$600; deferred assets, \$23,618; deficit, \$96,129; total, \$258,423. Liabilities: Common stock, \$85,175; mortgages, \$17,750; accounts payable, \$10,047; notes payable, \$145,000; consignment account, \$451; total, \$258,423.

The U. S. Supreme Court has issued a writ of certiorari in the Butterworth-Judson case, and will pass upon the Government's claim to priority over other secured creditors in the payment of money due from the corporation.

An opportunity for advanced study and research in the chemistry of dyes is offered to students and textile engineers by the Massachusetts Institute of Technology.

A. F. Butler, of R. W. Greeff & Co., has been elected honorary treasurer of the British Chemical and Dyestuffs Association.

The Oil Market

Current Spot Quotations of Oils, Greases, pages 1744-1745

VEGETABLE AND ANIMAL OILS ADVANCE

Broad Upward Movement Reported—Chinawood Oil Up—Coconut Oil Advances—Linseed Oil Advances After Decline—Palm Niger and Palm Kernel Higher—White Sesame Up, Yellow Down—Cottonseed Oil Firmer—Tallow, Stearine, Lard Oil and Oleo Oil Advance

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Chinawood Oil, $\frac{1}{4}$ c lb.	Palm, Niger, $\frac{1}{4}$ c lb.
Coconut Oil Ceylon, $\frac{1}{4}$ c lb.	Palm Kernel, $\frac{1}{4}$ c lb.
Lard Oil, Prime 1c lb.	Rapeseed, Blown, 1c gal.
Linseed Oil, 1c gal.	Sesame, White, $\frac{1}{4}$ c lb.
Oleo Oil, $\frac{1}{4}$ c to $\frac{1}{2}$ c lb.	Stearine Oleo, $\frac{1}{4}$ c lb.
Olive Oil Foots, $\frac{1}{4}$ c lb.	Tallow, Edible, $\frac{1}{4}$ c lb.

Declined

Palm Lagos, $\frac{1}{4}$ c lb.	Sesame, Yellow, $\frac{1}{4}$ c lb.
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Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Per cent
Cod Oil, N. F.....gal.	\$62	\$62	\$62	\$64	\$1.26	\$26%
Degras, American, bbls...lb.	.044	.044	.044	.044	.23	.08%
Lard No. 1.....gal.	.854	.854	.854	.79	.29	.92
Menhaden, crd. tks.....gal	.55	.55	.55	.50	.120	.33
Neatsfoot, 20 deg. c.t.gal.	1.22	1.22	1.22	1.38	3.45	.95
Fed Oil, distilled.....lb.	.12	.12	.12	.09	.17	.07
Stearic Acid, T. P. ....lb.	.164	.164	.164	.134	.33	.12
Coconut, Ceylon, bbls....lb.	.104	.104	.104	.19	.30	.14
Cottonseed, crude, tanks...lb.	.094	.094	.094	.064	.25	.08
Linseed, crude.....gal.	1.08	1.07	1.03	.94	1.85	.57
Olive, denatured.....gal.	1.15	1.15	1.15	1.21	4.50	1.05
Peanut, refined.....lb.	.15	.15	.15	.15	.30	.08
Soya Bean, bbls.....lb.	.12%	.12%	.12%	.12	.194	.07
Average	2.04	2.04	2.272	2.21	5.92	1.56

The strong tone that has been present in the fatty oil market during the last few weeks became more evident during the past week when prices were advanced on a large number of vegetable and animal oils. While the amounts of all the advances were rather slight still the fact that prices are advancing in a dull season instead of declining is a surprise to many. Stocks of imported products are small on spot and are in strong hands which accounts for the firm condition. A steady consuming demand continues in all quarters. Animal oils are moving in a large way and makers have advanced quotations on a great many items owing to greatly decreased stocks. Fish oils are maintaining a steady course and no price changes have been recorded.

Vegetable Oils

Castor Oil—Although prices remain unchanged in all quarters the demand is reported to be of small routine volume.

Chinawood Oil—Market has strengthened again and quotations are higher at $13\frac{1}{4}$ c@ $13\frac{1}{2}$ c lb. for spot barrels. Tanks are not available on spot and at Pacific Coast are named at 12c@ $12\frac{1}{4}$ c lb.

Coconut Oil—Ceylon has advanced to $9\frac{1}{2}$ c lb. in tanks due to increased request. Manila has also advanced and is quoted at $9\frac{1}{2}$ c lb. in tanks, and $10\frac{1}{2}$ c@ $10\frac{1}{2}$ c lb. in barrels. Cochin remains steady at 10c lb. in tanks, and $11\frac{1}{2}$ c@ $11\frac{1}{2}$ c lb. in barrels.

Corn Oil—Market steady at unchanged prices and factors report a fair demand.

Cottonseed Oil—Crude material is higher due to

heavy buying and is named at $9\frac{1}{2}$ c lb. P.S.Y. is also higher and quotations are $10\frac{1}{2}$ c@ $11\frac{1}{4}$ c lb. as to position from June to Dec. with Sept. bringing the highest prices.

Linseed Oil—Market continues unsettled and although prices were cut 1c gal. during the week they were advanced 2c gal. at the close, making a net advance over last week's quotations of 1c gal. Consuming interest is small and consumers are apparently waiting for a sharp break in the market. Crushers quote carlots of barrels from June to Aug. at \$1.08; tanks \$1.02; 1-c-1 \$1.11. Seed markets opened this week as follows: Winnipeg July \$2.49 $\frac{1}{4}$; Oct. \$2.29 $\frac{1}{2}$; Duluth July \$2.78; Sept. \$2.52 $\frac{1}{2}$; Oct. \$2.47 $\frac{1}{2}$; Minneapolis July \$2.74; Sept. \$2.47 $\frac{1}{2}$; Buenos Aires June \$2.21 $\frac{1}{4}$. London quotes linseed oil at 46s, and Antwerp names 444f.

Olive Oil—Market unchanged and firm holders name recent prices of \$1.15@\$1.20 while these prices are being cut in other quarters.

Olive Oil Foots—Firmer condition reported in this market and although some small lots might be available at lower prices factors are generally quoting spot and shipment at $8\frac{1}{2}$ c@ $8\frac{1}{4}$ c lb.

Palm Oil—Niger is very firm and higher at $8\frac{1}{2}$ c@ $9\frac{1}{2}$ c lb. in most quarters although some factors are quoting prices above these in anticipation of a further advance shortly. Lagos is easier and lower quotations are given at $9\frac{1}{2}$ c@ $9\frac{1}{2}$ c lb.

Palm Kernel Oil—Higher prices named owing to small stocks and large volume moving. Holders now quote $10\frac{1}{2}$ c lb.

Perilla Oil—Quotations are unchanged and importers are having no difficulty in maintaining their schedules.

Rapeseed Oil—Raw oil is in steady demand at unchanged prices and supplies are not large on spot. Foreign market remains firm. Prices on Blown oil have been advanced to \$1.15 gal.

Soya Bean Oil—No change reported in the situation and the demand remains of proportions sufficient to make prices firm.

Sesame Oil—White oil is higher at $14\frac{1}{4}$ c@ 15 c lb. owing to small stocks. Yellow has declined to $13\frac{1}{2}$ c@ $13\frac{1}{2}$ c lb. due to slight movement of supplies.

Animal Oils

Greases—White is easy at 12c lb. Yellow is steady at $8\frac{1}{2}$ c lb. Other grades are firm at unchanged quotations.

Lard Oil—Edible prime has been advanced again and is named at $19\frac{1}{4}$ c lb. Other grades are moving in a satisfactory manner and stocks are not accumulating in any quarter.

Oleo Oil—Makers have again advanced their schedules owing to a heavy demand and quote No. 1 at $13\frac{1}{4}$ c@ 14 c lb.; No. 2 at $12\frac{1}{2}$ c@ $12\frac{1}{4}$ c lb.; No. 3 at 11c@ $11\frac{1}{4}$ c lb.

Stearine Oleo—Higher quotations named by manufacturers owing to increased demand and quotations are now given at 12c lb.

Tallow—Edible recorded another advance over the week and is now changing hands at $9\frac{1}{2}$ c@ 10 c lb. City extra remains at $8\frac{1}{4}$ c lb.

Tallow Oil—Quotations are unchanged from makers who report a steady demand for all available supplies.

Fish Oils

Cod Oil—Holders of stocks continue to maintain a firm market and although the demand is only a slight routine one no distressed lots have thus far appeared.

Menhaden Oil—Prices show no variation in any quarter and factors are reporting a fair consuming demand.

Sperm Oil—Steady market reported and prices are being held unchanged from all dealers.

VEGETABLE OIL IMPORTS COMPARED

Imports of vegetable oils for the ten months ending April, 1925, compared with the imports for the ten months ending April, 1924, are as follows: Chinawood oil \$678,447 lbs., valued at \$9,448,902, against 69,723,620 lbs., valued at \$12,280,157; coconut oil 215,970,005 lbs., valued at \$17,346,482, against 137,850,432 lbs., valued at \$10,513,327; palm oil 92,048,954 lbs., valued at \$7,008,834, against 71,294,105 lbs., valued at \$4,783,127; peanut oil 3,137,606 lbs., valued at \$345,038, against 9,705,714 lbs., valued at \$859,587; rape oil 1,632,846 gals., valued at \$1,172,424, against 1,546,655, valued at \$1,011,168; linseed oil 19,864,491 lbs., valued at \$1,778,983, against 17,271,987 lbs., valued at \$1,820,909; soya bean oil 16,347,773 lbs., valued at \$1,247,204, against 15,724,112 lbs., valued at \$1,029,711.

Flaxseed imports for the ten months ending April, 1925, compared with the corresponding period a year ago total 9,937,919 bus., valued at \$22,702,112, against 13,403,264, valued at \$26,150,629. Of the total imports for 1925 Argentina delivered 7,217,350 bus., valued at \$16,138,636; Canada delivered 2,697,155 bus., valued at \$6,449,762. For 1924 Argentina exported to this country 10,946,224 bus., valued at \$20,896,582, and Canada sent in 2,415,140 bus., valued at \$5,163,155.

E. H. LAING ON MARKET MOVEMENTS

A bull market appears to be ahead in fatty oils in the opinion of Edgar H. Laing of New York who points out that lard is steadily advancing and as a consequence the entire market is moving upward. That prices are rapidly advancing despite a very quiet condition here causes one to look to the export market for the cause. Heavy exports of lard continue and tallow is tending upward. Unless consumers in this country cover their requirements quietly now before the real strength of the market becomes fully realized they will cause a stampede and will run into a situation such as existed last Summer when tallow prices advanced rapidly during July and August. Consumers are too apt to take for granted the fact that prices should slump at this time of the year without studying basic conditions. The bottom of the market appears to have been reached in the entire list of vegetable and animal oils and much higher prices will no doubt be reached before another month is up.

A. S. Carr, a prominent naval stores man will build a central distillery in Savannah, Ga., where he will employ a French process to produce a high grade of rosin from the crude gum.

A plant for extracting vegetable oil from copra, peanuts and soya beans is being built in British Columbia, by Canada Vegetable Oils, Ltd., with headquarters at Vancouver.

COTTONSEED OIL PRICES ADVANCING

P. S. Arthur Says Depression During the Winter Was Due to Over Speculation

That the present position of prime summer yellow cottonseed oil is strong is the opinion expressed by P. S. Arthur, oil dealer, New York, in an interview yesterday. Mr. Arthur who returned from Europe recently and whose bearish attitude of the past Winter has been borne out is now very bullish as to prices. With crude oil bid at 9 1/4 lb. and refining and shipping costing 2 1/4 lb. selling levels are still low. The advance of 1c lb. over the past two weeks makes it appear that prices have passed bottom.

The continued depressed condition of the market was caused by over-speculation which left most large operators in a long position. Since that time heavy liquidation has gone on and this now appears to have been completed, leaving holders with smaller stocks that they will probably offer in a merchandising way.

Lard prices are now 6 1/2 lb. above prime summer yellow oil and the high market for lard has resulted in German producers substituting vegetable oils for lard in margarine and exports of lard have decreased 43 per cent. Peanut oil has advanced 1c lb. as a result of this substitution and other vegetable oils also have strengthened in the foreign markets. These markets are expected to dry up and a heavy demand will no doubt be felt for prime summer yellow oil for export.

PRODUCE EXCHANGE ELECTS OFFICERS

At the annual meeting of the New York Produce Exchange held recently the following officers were unanimously elected: President, J. Barstow Small; vice-president, B. H. Wunder; treasurer, W. B. Pollock; managers for two years, L. W. Forbell, L. W. Forbell & Co.; W. A. Johns, Swift & Co., Inc.; W. W. Starr, W. W. Starr & Co.; Winchester Noyes, J. W. Winchester & Co.; J. E. Seaver, Dawson & Seaver, and H. A. Schafuss, Power, Son & Co.; inspectors of election, J. B. Donnell, John Bohnett, Jr.; A. P. Teft, G. H. Gunn, E. W. Vanalstyne; trustee of gratuity fund to serve full term of three years, E. R. Carhart.

LINSEED OIL DECISION FORECAST

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., June 10—A decision is expected this week by the Customs Service of the Treasury Department in the linseed oil case to the effect that 95 per cent linseed oil with 5 per cent soya bean oil should be entered as linseed oil and not as mixed oil, as contended by the importers. The decision will be appealed by the importers.

Exports of Chinawood oil from Hankow during April, 1925, totaled 8,266,000 pounds, of which 7,664,000 pounds, valued at \$926,000 were sent to the United States, compared with 5,315,250 pounds, valued at \$879,920, in April, 1924. Prices were highest on April 1 and April 14, being 18.20 taels per picul, and lowest on April 30, 17.50 taels, writes Consul General Heintzleman, Hankow.

Gold Dust Corp., which is erecting a plant in Baltimore has obtained a permit for one five-story, one four-story, one two-story and two one-story brick buildings on the northwest corner of Fifth ave., and 22nd st. One of the buildings is to be 220 by 100 feet, one 90 by 74 feet, one 77 by 74 feet, two 82 by 82 feet. The cost is given as \$200,000.

Miscellaneous Rate Materials

- Heavy Chemicals 1726-1744; Tan and Dyestuff, 1726-1744; Fatty Oils 1744-1745

SUMAC PRICES AGAIN MOVE HIGHER

Ground Up \$2 and Leaf \$5 Ton—Another Break in Rosin Prices With All Grades Down Sharply—Myrobalans Continue High—Better Demand for Logwood—Albumens Strong

PRICE CHANGES IN NEW YORK

(Stock in First Hands)

Advanced

Sumac, ground, \$2 ton.
Sumac, Leaf, \$5 ton.

Declined

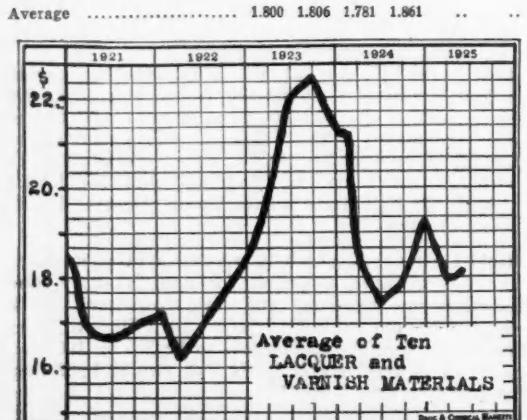
Antimony, 1c lb.
Copper, $\frac{1}{2}$ c lb.
Resin Oil, 2c lb.

Rosin: B, D, E, 85c 280 lb.
F,G,H,I, 75c 280 lb.
K, 45c 280 lb.
M,N,WG,WW, 25c 280 lb.

Generally quiet markets were noted for miscellaneous raw materials for leather, rubber, textile, and allied fields this week. Demand was better in some products and business showed some expansion, but buying as a whole was confined to small quantities. Higher prices were noted for ground and leaf sumac. Myrobalan prices continue high. Another sharp break in rosin quotations was noted. Turpentine prices were up slightly. Rosin oil was down. Antimony was lower as was copper metal. A slight advance in tin metal was reported.

Lacquers and Varnishes

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre- War
Acetone, c/l, drs., wks.	10lb. \$1.20	10lb. \$1.20	\$1.00	\$1.53	\$5.50	\$1.05
Butyl Al., drs., wks.	10lb. 2.48	2.53	2.60	3.20	..	..
Chinwd. Oil, bbls NY 10lb.	1.33	1.28	1.30	1.35	2.00	.63
Copal Congo, Amber	10lb. 1.00	1.00	1.00	1.25	1.90	1.80
Fusel Oil, .....gal.	2.65	2.65	2.75	2.50	4.00	2.50
Lac, Benz. tks wks 10 gal.	2.30	2.35	2.20	2.40	3.00	2.50
Linseed Oil, c/l bbls gal.	1.08	1.07	1.03	.94	1.88	.53
Rosin, F grade, NY. 25lb.	.94	1.02	.97	.57	1.70	.43
Soluble Cotton	10lb. 4.00	4.00	4.00	4.00	..	..
Turp., c/l ex-dock	1.02	1.01	.96	.86	.70	.49
Average	1.800	1.806	1.781	1.861	..	..



ACCELERATORS

Diphenylguanidine is in heavy demand at 95c@98c lb. Ethylideneaniline is steady at unchanged prices. Hexamethylene is firm in all quarters at 82½c@85c lb. Triphenylguanidine shows no variation from 69c@73c lb.

ALBUMENS

There has been no change in this situation, with considerable strength shown by the egg albumen at \$1.20 @ \$1.25 lb. for edible grade. There has been less competition with frozen eggs this year than there was last year and prices are much firmer. Blood and vegetable albumens are also firm at unchanged prices.

CLAYS AND FILLERS

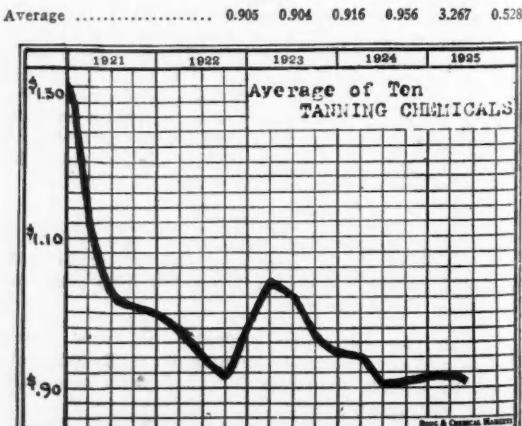
Prices continue stable at former figures for all materials in this classification with some improvement in demand seen for barytes. Blanc fixe, whiting and talc are comparatively quiet at present with routine business being done in china clays in the way of filling contracts made earlier in the year.

COLORS AND PIGMENTS

Keen competition continues to be reported in iron blues although quotations remain at 33c@35c lb. Chrome yellows are reported shaded in some instances from quotations of 18c@19c lb. Chrome greens are easy at unchanged prices. Carbon black is firm from first hands at 6c lb. for carlots of bags.

Leather Chemicals

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre- War
Acid, Acetic, 28%	.....\$ 3.00	\$ 3.00	\$ 3.12	\$ 3.12	\$17.00	\$ 1.50
Acid, Formic, 99%	.....11	11	11	.13	1.50	.07
Acid, Lactic, 22% dark	.....18½	18½	18½	18½	.05	.02
Potassium Bichromate	.....08½	08½	08½	.09½	.65	.064
Cuprom. Salt tech	1.70	1.70	1.70	1.80	3.75	1.00
Sodium Prussiate, Imp. lb.	.....10½	10½	10½	.10	1.25	.18
Soda Ash, 58% wks.	.....1.38	1.38	1.38	1.38	4.10	.69
Sodium Bichromate	.....06½	06½	06½	.07½	.45	.044
Sodium Hyposulfite, peat.	2.50	2.50	2.50	2.75	3.75	1.80
Sodium Sulfide, 60% wks.	......04	.04	.04	.03½	.10½	.024
Average	.....0.905	0.904	0.916	0.956	3.267	0.528



DYE AND TAN WOODS

Divi Divi—Prices remain firm at \$53@\$55 ton for all goods that are brought into this country although many consider that this is too high a figure.

Myrobalans—There has been no change in the situation with regard to these pods with demand fairly active but prices at high levels of \$71@\$72 for J1's, \$50@\$52 for R2's and \$53@\$54 for J2's.

Quebracho—No new developments are seen for this bark with demand steady and prices firm.

Sumac—This item has again strengthened, following heavier buying both in this country and in Europe at the recent low levels and the price is now up to \$120 ton for the ground and \$155 for the leaf. Imports for last week, 1,050 bags.

Valonia—No change is in evidence for this product with the cups steady at \$37@\$38 ton and beards at \$55@\$56 ton.

Wattle—This continues to be one of the most active of the group and prices are steady at \$44@\$47 ton. Imports for last week, 3,230 bags.

EXTRACTS

Archil—No change is seen here with stocks and demand both small and prices unchanged.

Chestnut—Fair activity characterizes this item at the recently reduced price of 15½c lb. in tanks for the 25% with powdered at 5½c in bulk.

Cutch—Some imports were noted last week but prices remain unchanged with demand not very great.

Divi Divi—Prices continue steady with demand of a routine nature only.

Fustic—No new developments are seen in this extract with prices unchanged.

Hematine—Although increased strength is reported in this extract, prices are unchanged at former figures.

Logwood—Increased strength is seen in this extract due to a slight improvement in demand and prices are firmer at former levels of 8½c@8½c lb. for the liquid and 12c@15c for solid.

Mangrove—Imports of 1,000 bags through New York were received last week. Prices remain unchanged at former figures.

Myrobalans—Demand continues slight with prices firmly maintained at former figures.

Quebracho—No change in demand or price. Imports for last week, 2,000 bags.

FERTILIZERS

Little business is being done at present as manufacturers are mostly attending the convention at White Sulfur Springs and no one is buying. The imminence of the spring inventory season of fertilizer manufacturers is also causing a poor demand at the moment. Prices in organic ammoniates, phosphates, ammonium sulfate cyanamid and potash salts are unchanged and few new developments are expected before next month.

INSECTICIDES AND FUNGICIDES

Calcium arsenate is quiet and a recent Government order was taken by a large maker at 7c lb. while lower prices can be done in the south. Lead arsenate has shown only a slight improvement in demand and the market remains easy. Paris green is moving in slight routine volume.

METALS

Antimony eased off during the week to 16c@16½c lb. Copper is off ½c lb. to 13½c@13¾c lb. for Lake, and 13½c@13½c lb. for electrolytic. Tin is slightly higher

at 55½c lb. Lead is fairly steady at New York at 8½c lb., while at East St. Louis it is higher at 8¾c lb. Zinc remains at 7¾c lb. at New York, and 7c lb. at East St. Louis.

NAVAL STORES

Rosins are all lower due to a decreased pressure in the demand. Common and medium grades suffered the greatest declines. Closing quotations are: B \$7.90; D \$8.15; E \$8.40; F, G, H, I \$9.40; K \$10.05; M \$10.75; N \$11.50; WG \$12.75; WW \$14.25. Turpentine advanced to \$1.02@\$1.05 for spirits. Rosin oils are lower at 56c@58c lb. for first run, and 59c@61c for second run.

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., June 6—Rosins closed firm at prices from 25c to 70c lower than last week. Fine grades continue to gain in strength and medium and common grades continue to lose ground. Closing quotations are: B \$6.60; D \$6.85; E \$7.10; F, G, H, I \$8.05; K \$8.75; M \$9.25; N \$10.00; WG \$11.25; WW \$12.50; X \$12.75. Receipts for week 12,404 bbls.; stock today 7,803 bbls.

Turpentine closed firm at 93½c which is 2¾c gain over the week. An active demand was present both from domestic and foreign buyers. Heavier receipts are expected to keep the price from going much higher. Receipts for the week totaled 4,030 bbls.; stock today 7,881 bbls.

Jacksonville, Fla., June 6—Turpentine closed firm at 94½c with all offerings taken. The demand is urgent at present. Rosins closed firm at following prices: B \$6.60; D \$6.85; E \$7.10; F, G, H, I \$8.05; K \$8.75; M \$9.25; N \$10.00; WG \$11.25; WW \$12.50; X \$12.75. Stocks of turpentine total 14,368 bbls.; rosins 75,005 bbls.

STARCHES, DEXTRINS AND SIZES

Demand for British gum, starches, dextrins, glues and amber sorts, continues to be of a hand to mouth nature with little activity shown. Prices are well maintained at recently announced levels, due, for the most part, to high costs of raw materials.

TESTING NEW COAGULANTS FOR RUBBER

A new coagulant for rubber is being tested in Java. Sodium bisulfite, hitherto used, has been supplanted by "pyrosulfite," which is entirely free of moisture and contains up to 67 per cent. of SO₂, whereas ordinary sodium bisulfite contains only 61 to 62 per cent. The chief advantage of the new product is that it may be kept in good condition for a longer period than ordinary bisulfite. However, it still has to stand the test whether the longer durability applies to the tropics as well.

Acetic acid has a rival in formic acid from Europe and the United States, and has proved very practicable and is about 50 per cent cheaper than acetic acid. However, the Rubber Experimental Station advises planters to await the results of experiments and to see whether the rubber coagulated by means of formic acid keeps as well as when treated with acetic acid, and arrives in good condition in the United States.

Argentina has reduced the export duty on quebracho log to 69 centavos per ton for June from 71 centavos in May, Commercial Attaché Feely cables from Buenos Aires. The duty on quebracho extract has been increased to 1.01 pesos per ton for June from 92 centavos in May.

FAST COLOR PROBLEM DISCUSSED

Converters and Finishers Condemn Misrepresentation of Fastness in Cotton Goods

The Converters Association gave a dinner at the Hotel Pennsylvania, New York, on Monday evening, to discuss with the National Association of Finishers of Cotton Fabrics the question of misrepresentation of fast colors and to fix responsibility if possible on either the dye industry or the textile trade. At the guests' table were Joseph K. Milliken, president of the Finishers' Association; M. J. Warner, president of the Converters' Association; Henry B. Thompson, of the United States Finishing Co.; John E. Rousmaniere, president of the Association of Cotton Textile Merchants of New York; Richard T. Reeves, president of Hunter Manufacturing & Commission Co.; Henry Lattan, vice-president of the Converters' Association; Julius Siegbert, honorary vice-president of the converters' association; Edward T. Pickard, chief of the Textile Division of the Department of Commerce and Edward L. Greene, of the Associated Advertising Clubs of America.

President Warner of the Converters' Association read a message from Secretary Hoover saying that more can be accomplished through trade associations than by Governmental action.

Edward T. Pickard said there can be no compromise in any campaign to eliminate waste, pointing out that Secretary Hoover's reference to this issue embraced every fraudulent trade practice of every nature.

Other speakers were Joseph K. Milliken, president of Mt. Hope Finishing Co.; M. J. Warner and Edward L. Greene, of the Associated Advertising Clubs. Mr. Warner proposed that a committee of converters and finishers to work with the Associated Advertising Clubs and Cotton Textile Merchants as a Council for the industry. The committee will be appointed later and will report its findings and suggestions regarding fast color misbranding at a future conference.

GRAPHITE PRODUCTION DECLINES

The graphite industry in the United States suffered a considerable set-back in 1924, according to the Department of the Interior, as shown by figures compiled by the Geological Survey in co-operation with the State geological surveys of Alabama and Michigan. The output in 1924 was 4,971 short tons, valued at \$87,510, compared with 6,038 tons, valued at \$190,944 in 1923. Of this output amorphous graphite amounted to 4,071 tons, a very slight increase compared with 1923, and crystalline graphite amounted to 900 tons (1,800,000 pounds), compared with 1,982 tons (3,964,000 pounds) in 1923, a decrease of 55 per cent. During the World War —both before and during our participation in it—the graphite industry in the United States flourished and reached its highest output and value. With the cessation of hostilities the demand fell off, and the sales decreased in 1919. In 1920, in line with the general prosperity, the output increased, but it fell off again and reached its lowest output and value in many years in 1921. In 1922 and 1923 the trend was upward and increases were made. The manufacture of artificial graphite at Niagara Falls, N. Y., also decreased in 1924, 10,986,192 pounds being manufactured, compared with 1923, when the output was 26,761,015 pounds.

Federated Metals Corp., Chicago, has been awarded a government contract for 15,000 lbs. slab zinc at 8.95c lb.

ETHYL GAS EXPERTS NAMED (*Special to DRUG & CHEMICAL MARKETS*)

Washington, June 10—The committee of seven experts who will submit a report to Surgeon General Hugh S. Cumming of the Public Health Service on what hazards are involved in the retail distribution and general use of tetra-ethyl lead gasoline has been named by the Surgeon General as follows:

Clinical Medicine—David L. Edsall, dean of Harvard Medical School and School of Public Health, and Chief of the Medical Clinic, Massachusetts General Hospital.

Physiology—Dr. William H. Howell, professor of physiology, Johns Hopkins Medical School, and Assistant Director Johns Hopkins School of Hygiene and Public Health.

Industrial Hygienists—Dr. A. J. Chesley, executive health officer, State of Minnesota; Dr. Reid Hunt, professor of pharmacology, Harvard Medical School; Dr. Waller S. Leathers, professor of preventive medicine, Vanderbilt University; Dr. Julius Stieglitz, professor of chemistry, University of Chicago, and Professor Charles Edward Amory Winslow, professor of public health, Yale Medical School.

The committee is to present its report to the Surgeon General before Jan. 1, 1926. It is believed that the report will be made considerably before that date.

The Southern section of the American Association of Textile Chemists will hold its Summer meeting at the George Vanderbilt Hotel, Asheville, N. C., Saturday, July 18. J. H. Zens, general manager of United Hosiery Mills Corp. will present a paper on "Multi-colored Effects on Hosiery," and Malcolm Mackenzie of Cramertown Mills, will read a paper on "The Reduction of Vat Colors Including Indigo."

The Salesmen's Association of the Dye and Chemical Industry of Providence, R. I., will hold a frolic on Friday, June 19, at the Pomham Club, with clambake at 5 o'clock, following the ball game.

Girard Chemical Co. is moving its plant from Mt. Vernon, N. Y. to the former plant of Hawthorn Manufacturing Co., Fairfield, Conn., where 150 men are to be employed about June 15.

One dollar was paid for 7,000 shares of British-American Chemical Corp. of New Jersey stock, at an auction sale by Adrian H. Muller & Sons, 20 Vesey St., New York, on June 3.

Edwin W. Levering, president of Piedmont-Mount Airy Guano Co., Baltimore, died from a heart attack on May 27 at his home on Eutaw Place. Mr. Levering was 72 years old.

Clarence Morgan & Co.'s price list for June contains prices for the principal products handled and names the firms represented with the principal products of each.

The plants of Joslin-Schmidt Co., manufacturers of glues and fertilizers, Cincinnati, were sold to Edson S. Willaman of Chicago for \$200,000 at a sheriff's auction.

Henry Sundheimer, importer of chemicals, 103 Park Ave., New York, returned from Europe last Friday on the S. S. Homeric.

The stock of T. Van Amringe & Son, grinders of abrasives, has been purchased by James H. Rhodes & Co.

FLUORSPAR OUTPUT INCREASES

The shipments of fluorspar in 1924, as shown by a statement given out by the Department of the Interior compiled by Hubert W. Davis, of the Geological Survey amounted to about 124,914 short tons, valued at \$2,453,950, an increase of about 3 per cent. in quantity but a decrease of about 2 per cent. in total value compared with 1923. The reported average selling price f. o. b. mine shipping point decreased from \$20.68 in 1923 to \$19.65 in 1924. Colorado and Kentucky were the only States that recorded an increase in 1924. The shipments of fluxing grade fluorspar to steel plants and foundries showed an increase of about 11 per cent. in 1924, but the shipments of the higher grades of fluorspar recorded a decrease of about 28 per cent. The stocks of fluorspar at mines or at shipping points at the end of 1924 amounted to about 69,000 short tons. These stocks consisted of about 28,900 tons of crude fluorspar (which must be milled before it can be marketed), 32,400 tons of gravel fluorspar, 6,600 tons of lump fluorspar, and 1,100 tons of ground fluorspar. The imports of fluorspar into the United States in 1924—51,043 short tons, the largest quantity ever imported—were equivalent to about 41 per cent. of the domestic shipments of fluorspar, compared with 35 per cent. in 1923.

NEW WORK ON COAL TAR ANNOUNCED

Messrs. Ernest Benn announce "The Industrial Application of Coal Tar Products," by H. M. Bunbury, M.Sc., A.I.C. and A. Davidson, B.Sc. This book provides a comprehensive survey of all those branches of industry which employ coal tar products as raw materials and is designed to appeal equally to producers and users of coal tar products. Producers will find a detailed summary of all the uses to which their products are put, which may possibly direct their attention to hitherto unexploited channels, and at the same time bring home the possibility of expanding their business by manufacturing some of the derived products themselves. Users of the products will find valuable information which should assist them to develop many associated products and profitable side lines. "Coal Tar Products" will be published next month.

MONOGRAPHS ON OIL AND COLORS READY

The first three monographs on the oil and color industries which Dr. R. S. Morrell is editing for Messrs. Benn will be published immediately. They are "Cellulose Varnishes," by F. Sproxton, B.Sc.; "Blacks and Pitches," by H. McK. Langton, M.A., B.Sc., A.I.C.; and "The Chemistry of Drying Oils," by R. S. Morrell, M.A., Ph.D., F.I.C., and H. R. Wood. The object of this series is to present a number of monographs on the most important branches of the oil and color industries, written by specialists who possess factory experience and adequate chemical knowledge. A thorough and critical digest of the published literature will be a feature of the series and descriptions of manufacturing processes will be included.

FERTILIZER ASSOCIATIONS UNITING

The National Fertilizer Association and the Southern Fertilizer Association are holding a meeting at White Sulphur Springs, W. Va., from June 8 to June 12. The principal business before the meeting is the formation of a new association whose scope will include the fields now covered by both associations and whose headquarters will be at Washington where it can more readily co-operate with government departments in research work, gathering statistics and shaping legislation in the interest of the fertilizer trade.

LEATHER CHEMISTS ELECT OFFICERS

The American Leather Chemists' Association elected the following officers at the twenty-second annual meeting at Atlantic City, June 5: President, J. S. Rogers, Morgantown, N. C.; vice-president, Caspar Druedling, Philadelphia; secretary-treasurer, H. C. Reed, New York; executive council, G. T. Creese, Danvers, Mass.; R. W. Frey, Washington; G. D. McLaughlin, Cincinnati.

Hiram S. Brown, New York, leather manufacturer, told the chemists that the United States should produce its own raw tanning materials instead of importing them. He protested the proposed tariff on hides. He said:

"More than 10,000,000 hides are needed each year in the United States for heavy leather products alone, and unless there is more killing of cattle we will have to buy hides from abroad, as, in fact, we have been doing. There are 441,495,000 cattle in the world," he said. "Of these India has 141,542,000, the United States 66,352,000 and Argentina 37,064,000. Yet in the United States the cattle kill has increased from 12,847,691 in 1920 to 14,733,075 in 1924, while the Argentine kill has doubled in that period."

TEXTILE ALLIANCE ASSESSED \$1,286,356

The Commissioner of Internal Revenue has computed a tax liability of \$1,286,356 on the funds in the hands of the Textile Alliance, Inc., in respect to its operations from 1918 to 1922. A portion of these funds consists of balances remaining from the Alliance's charges in connection with the importation of wool, jute and other materials, the unexpended portion of which after payment of all charges, it is under contract to return to the principals for whom it acted.

The remainder of the tax is imposed upon funds accumulated in connection with the importation and distribution of dyestuffs under various agreements with the State Department. In most of these agreements it is provided that three-fourths of the funds accruing thereunder shall be paid to the Treasury Department subject to a recommendation of the Secretary of State that they be appropriated by Congress for educational and scientific purposes, the remaining one-fourth to be applied likewise to educational and scientific purposes under the supervision of the underwriters who made the transactions possible without profit to themselves. A protest will be filed by the Textile Alliance.

The feature of the dyestuff and chemical trade in Boston is the firmness with which prices are held. Although it cannot be said that concessions are unknown, it is a fact that they are by no means common. For dyestuffs there is a fair number of orders. Buyers of chemicals as a rule continue to take such supplies as they need in small quantities, but the aggregate movement is expanding a little. With the exception of acetic acid which is still very weak, and shellac which is a bit lower, prices are well maintained.

American Cyanamid declared an extra dividend of $\frac{1}{2}$ per cent on the common stock in addition to the regular quarterly dividend of 1 per cent. The regular dividend of $1\frac{1}{2}$ per cent. quarterly also was declared on the preferred. All three dividends are payable July 1 to stockholders of record June 15.

The report of Casein Co. of America and subsidiaries for 1924 shows net income of \$204,076 after depreciation, compared with \$228,632 in 1923.

QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending May 29, 1925

Bid	Asked	Bid	Asked
*Air Reduction	103	104	
*Allied Chem. & D.	91 1/2	91 3/4	
*Allied C. & D., pf.	119%	120%	
*Am. Ag. Ch.	18 1/2	19	
*Am. Ag. Ch., pf.	52 1/2	53	
*Am. Chicle	54	55	
*Am. Chicle, pf.	105	110	
*Am. Cyan	123	128	
*Am. Cyan, pf.	83	86	
*Am. Druggist, S.	5%	6%	
*Am. Glue	47	50	
Am. Glue, pf.	106	109	
*Am. Linseed	25 1/2	28	
*Am. Linseed, pf.	69	69 1/2	
*Am. Metal	46%	47	
*Am. Zinc	7%	7 1/2	
*Am. Zinc, pf.	26	28	
Archer Dan. Mid.	32 1/2	33%	
Archer Dan. Mid., pf	96	98 1/2	
*Atlas Powder	45	46	
*Atlas Powder, pf.	92 1/2	94	
By-Prod. Co.	46	49	
By-Prod. Co., pf.	102	105	
Canad. Ind. Al.	16 1/2	17	
Canad. Salt	105	115	
Casein Co.	62	66	
Celluloid Co.	28	32	
Celluloid Co., pf.	70	78	
*Certain-teed Prod.	48%	49	
Charcoal Iron	10	20	
Ches. Mfg.	60	61 1/2	
Ches. Mfg., pf.	113	115	
Clark Co. Fred.	2 1/2	4	
Cleve Cliffs Iron	70	75	
*Com. Solv. A.	80	90	
Do B.	80	90	
*Corn Products	33 1/2	33 3/4	
*Corn Products, pf.	122	124	
Davison Chem.	35	35 1/2	
Dow Chem. no par	55	58	
Dow Ch., pf.	98	102	
Dow Drug Co.	140		
Dow Drug Co., pf.	108		
*Du Pont, Deb.	97	99	
*Du Pont de Nem.	170	170 1/2	
*Eastman Kodak	108 1/2		
*Eastman Kodak, pf.	111 1/2		
*Freesport Tex.	145%	147%	
*Gen. Asphalt	54	55	
*Gen. Asphalt, pf.	94 1/2	97	
*Gold Dust	38 1/2	39 1/2	
Grasselli	125	130	
Grasselli, pf.	101	108	
Hercules Powder	104	107	
Hercules Powd., pf.	103	107	
Heyden Chem.	1 1/2	—	
Hoover Electro	12	15	
Hoover Electro, pf.	40	45	
Housethold Products	53 1/2	56	
*Int. Agricul.	11 1/2	11 1/2	
*Int. Agricul. pf.	53	53	
*Int. Nickel	26 1/2	28 1/2	
*Int. Nickel, pf.	97	98	
*Int. Salt	70	77	
*Mathieson Alk.	78 1/2	80	
*Mathieson Alk., pf.	99 1/2	100	
MacAnd. & Forbes	154	157	
MacA. & Forbes, pf.	100	103	
Merck & Co. pf.	50	55	
Merrimac	84	86	
Mulford Co.	30	33	
*National Lead	148	151	
*National Lead, pf.	116 1/2	117 1/2	
Ning. A., pf.	80	85	
N. J. Zinc	187	189	
Parke, Davis & Co.	77	80	
Penn Salt	81	83	
*Peoples Gas Chi.	117	118	
Procter & Gamble	124	127	
Procter & Gam., pf.	158	160	
Royal Bkg. Pow.	140	143	
Royal Bkg. Pow., pf.	101	103	
Shawinigan	149		
Sherwin-Will.	1st pf. 103 1/2	105 1/2	
*Sterling Prod.	63	63 1/2	
Swan & Finch	16	17	
Tenn. C. & Chem.	104	105 1/2	
*Tex. Gulf Sul.	107 1/2	108	
Union Carbide	69 1/2	—	
*Un. Drug	121	122	
*Un. Drug 1st pf.	55 1/2	56	
*Un. Dyewood	10 1/2	75	
Un. Dyewood, pf.	—	—	
Un. Gas Imp.	90%	91	
Un. Gas Imp. pf.	58 1/2	59 1/2	
U. S. Gypsum	170	171	
*U. S. Indus Al.	87 1/2	88 1/2	
*U. S. Indus Al., pf.	113	—	
*Va. Car Ch. pf.	16 1/2	17	
*Va. Car Ch.	4	4 1/2	
*V. Vivaudou	13 1/2	13 3/4	
Will & Baumer	14	14	

*Listed on New York Stock Exchange

FOREIGN EXCHANGE	Par	Current
Great Britain (pound sterling)	\$4.866	\$4.85%
France (franc)	.183	.047
Italy (lira)	.193	.039
Belgium (franc)	.193	.046
Czechoslovakia (crown) per hundred	.20,30	.029
Denmark (krone)	.268	.187
Germany (mark)	.238	.238
Holland (florin)	.402	.41
Norway (krone)	.258	.168
Poland (zloty)	.193	.192
Spain (peseta)	.193	.145
Sweden (krona)	.268	.267
Switzerland (franc)	.193	.193
Argentina (peso)	.424	.401
Brazil (milreis)	.324	.107
Japan (yen)	.499	.401
India (rupee)	—	—
China (Silver dollar, Hongkong)	.789	.553
(Tael—Peking, silver)	1,146	.780
(Tael—Shanghai, silver)	1,986	.753

A new issue of \$6,000,000 6 per cent. coupon notes of American Linseed Co. are offered by the Equitable Trust Co. and Dominick & Dominick. The notes are dated June 15, 1925, and mature serially from 1930 to 1935, all maturities being priced at 100 and interest. The company in connection with its linseed oil and edible oil plants, operates steam lighters, barges and tank cars. Earnings for the last seven years, after prior charges and taxes, available for interest requirements, have averaged more than \$1,100,000.

DRUG AND FINE CHEMICAL SECTION

New Incorporations

In the Chemical, Drug, Oil Producing and Consuming Fields

Karalan, Inc., New York, 100 shares of common stock, no par value. To manufacture rubber goods. L. V. Festger, 203 W. 66th st., Edna Himmelweit, 245 Ft. Washington ave., New York; V. L. Cardno, 3743 Ninety-Second st., Elmhurst, L. I.

R. M. Hollingshead Corp., Philadelphia \$20,100,000 (201,000 shares without par value) Corporation Guarantee and Trust Co.

Cardona Oil and Potash Co., Wilmington, Del., \$75,000. Corporation Trust Co. of America.

Textile Rubber Co., Mystic, Conn., \$40,000. To make rubber tile flooring and rugs. J. R. Sanford, president; J. R. Wheeler, vice-president; Charles E. Wheeler, treasurer; N. C. Wheeler, secretary.

Coal and Oil Products Corp. New York, \$1,000,000. Patents and trade marks. United States Corporation Co.

Carwatts Wood Products Corp., New York, 100 shares of common stock, no par. E. Stoefels, R. Zinn, J. C. Faber. Attorneys, Whitman, Ottinger, Ransom & Goetz, 120 Broadway.

Tubeless Pneumatic Tire Corp., Wilmington, Del. \$1,000,000. To manufacture tires. Cornelius A. Cole, Hackensack, N. J.; Robert A. Van Voorhis, 168 Harrison ave., Jersey City; Robert A. Van Voorhis, Jersey City; Wm. E. Shields, Jr., Clifton, Staten Island.

Sun-Made Products Corp., New York \$10,000. Drug sundries. H. Berman, J. Pereira, F. Kelly. Attorneys, Davis & Davis, 1540 Broadway.

M. Grumbacher, New York, \$280,000. Chemicals and paints. M. and W. and W. Grumbacher, Jr. Attorneys, Miller Bretzfelder & Boardman, 291 Broadway.

United Rubber and Leather Corp., 10 High st., Boston, \$250,000. To manufacture rubber and leather goods as exclusive licensee in the United States under the Leon Conant Process Product and Equipment Patent specifications on soles and heels.

Nu-Glo Laboratories, Bronx Borough, New York City, \$20,000. To make auto polishes. E. G. Prowse, I. J. Kaplan, W. T. Mulchay. Attorneys Monstrmann & Kozinn, 505 Tremont ave.

Canadian Incorporations

Textiles and Dyers Corp., Ltd., Cobourg, Ont. 20,000 shares, no par. Kasper Fraser, Norma Lown, Mary A. Corbett.

Oil and Turpentine Co. of Canada, Ltd., Walkerville, Ont.; \$40,000. Ervin Moser, Herbert M. Meyer, Edwin R. Howell.

Dr. A. W. Chase Medicine Co., Ltd., Toronto, Ont., 10,000 shares no par. Proprietary medicines. Albert Mearns, Gerald M. Malone Jennie H. Miller.

Bunny Products, Ltd., Sarnia, Ont., \$40,000. Chemicals. Norman L. Le Sueur, Francis P. Dawson, F. A. McKinley.

Foreign Trade Opportunities

The Department of Commerce, Washington, D. C., has received the following inquiries for drugs, chemicals and accessories. Reserved addresses may be obtained from the Bureau and its district and cooperative offices. Request for each opportunity should be on a separate sheet and state opportunity number. The Bureau does not furnish credit ratings or assume responsibility as to the standing of foreign inquirers; the usual precautions should be taken in all cases.

Rosin	15133	Bombay, India	.....Purchase
Soda, silicate in monthly carload lots	15095	Guadalajara, Mexico	.....Agency
Sulfur	15090	London, England	.....Purchase
Varnishes and pyroxylin lacquers	15144	Mannheim, Germany	.....Purchase
Drugs, prepared medicines	15086	Bombay, India	.....Agency
Drugs and pharmaceuticals	15122	Cardiff, Wales	.....Agency
Drugs and proprietary medicines	15169	Bombay, India	.....Agency
Medicines	15085	Caracas, Venezuela	.....Agency
Medicines, prepared	15092	Johannesburg, So Afr.	.....Purchase
Pharmaceutical products	15094	Constantinople, Turkey	.....Purchase

Toilet preparations, perfumes, soaps

Medicinal preparations, perfumes

Amritsar, India

.....Purchase

Angier Chemical Co., Boston, shows assets as follows: Cash \$60,078, accounts receivable \$362,239, merchandise \$105,520, real estate \$60,000, machinery \$23,023, securities \$2,300. Accounts payable are \$11,055 and reserves \$49,028. Profit and surplus \$415,074. The company is capitalized at \$150,000.

A judgment for \$5,297 against the Fronco-Russian Insurance Co. has been filed in New York county by the Second Russian Insurance Co.



Drug & Fine Chemical SECTION

Java's Output of Iodine from Wells

Headquarters of the Industry Located at Sourabaya—Product Is Marketed and Exported in Form of Copper Iodide, Iodine and Potassium Iodide—Great Britain Takes the Bulk of the Supply—Shipments Also Made to Holland, Germany, China and Japan—Information Regarding the Technique of Manufacture of Copper Iodide Not Obtainable—Amounts Exported in 1922, 1923 and 1924.

(*Special Correspondence to DRUG & CHEMICAL MARKETS*)

Batavia, Java, May 9.—Iodine is produced in Java by Verenigle Javasche Iodiumfabrieken and "Naamlooze Venootschap Exploitatie Maatschappij Goenoengwatoe," both with headquarters at Sourabaya. It is not recovered from seaweed, but comes from artesian-well water in Sourabaya and Cheribon. The product is marketed and exported in the form of copper iodide, iodine and potassium iodide. Most of the output is shipped to Great Britain. The following table gives a survey of exports via Sourabaya custom house for the years 1922, 1923 and 1924:

Destination	Unit:—Kilos		
	1922	1923	1924
Iodine			
Holland	7,891	6,664	515
Great Britain	14,400	11,760	5,000
Germany	2,540	—	
China	600	881	2,195
Hongkong	—	57	250
	25,431	19,362	7,960
Copper iodide			
Holland	750	480	1,193
Great Britain	44,922	25,082	82,409
Germany	614	5,782	6,298
Japan	—	240	—
	46,286	31,584	89,900
Potassium iodide			
China	260	921	—
Other salts			
China	—	3,224	984

The production of considerable quantities of copper iodide from artesian well-water is an interesting phase of chemical work in Java, but information on the precise occurrence of the iodine and the technique of manufacture is not given out by the companies.

MUST LABEL SULFUR DIOXIDE PRODUCTS

Action under the Federal Food and Drugs Act will be instituted against food and beverages products containing sulfur dioxide and sulfites which are not labeled.

beled with a plain and conspicuous declaration of the presence of these substances, according to an announcement by officials of the Bureau of Chemistry, United States Department of Agriculture, who are charged with the enforcement of the act. The Food officials state that reports recently have come to their attention of the use of sulfur dioxide or sulfites in a variety of food products without label declaration. In some food industries the presence or absence of a declaration of sulfur dioxide or sulfites has a very direct bearing on the price the purchaser pays for the products.

PREDICTS HIGHER CHAMOMILE FLOWERS

Dr. Betegh, of Budapest, Says the Crop this Year Is Only One-tenth of the Average

(*Special Correspondence to DRUG & CHEMICAL MARKETS*)

Budapest, Hungary, June 1.—Dr. P. Betegh, managing director of Pantodrog Co., makes an interesting comparison between the high prices for American botanicals and the low rates obtained by European growers. He says:

"If in America, prices generally, including those of home-grown botanicals, are now about 50% above those current previous to the war, it is scarcely to be presumed that imported botanicals can continue to be offered at their present low rates. It would evidently be unreasonable to expect that the countries suffering from the disastrous consequences of the war should be able to produce at prices far below peace levels, even supposing the collector to be content with earning 20 cents for a day's hard labor. The many and burdensome taxes, the high rates of freight, which are also partly taxes in disguise, the rate of interest, all necessarily tend to increase prices.

"The first step in this direction has now been taken by the growers of Hungarian chamomile flowers. The price of this article has of late been very slightly above the outlay for freight, packing and export dues, and has of course offered no inducement to collectors, with the result that a large portion of a fairly good crop has been allowed to rot on the fields. According to my judgment, this year's output of the producing countries will be about one-twentieth of 1923, or about one-tenth of average yearly crop. The not very large stocks of old crop will very soon be exhausted, and I should not be very greatly surprised to see Hungarian chamomile flowers treble their present price before next Fall.

"The case of chamomile flowers is of course exceptional, but there is very little doubt that all other botanicals produced in this country are bound to rise considerably in the near future and that they have now about touched bottom price."

Merck's supplementary price list for June shows twenty-two advances and sixteen declines.

The Fine Chemical Market

Current Spot Quotations for Fine Chemicals see Chemical pages 1726-1744

STRYCHNINE AND SALTS AGAIN REDUCED

Competition From Japanese Goods Brings Lower Prices—Codliver Oil Higher in Sympathy with Position Abroad—Quicksilver Occupies Firm Position—Imported Bromides and Tartaric Acid Advanced—Market Shows Upward Tendency for Forward Buying

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Acid, Tartaric, Imp., 1/2c lb. Mercury, 2c flask.
Ammonium Bromide, Imp., 1c lb Potassium Bromide, Imp., 1/2c lb.
Codliver Oil, 50c bbl. Sodium Bromide, Imp., 2c lb.
Glycerin, sapon. 1/2c lb. Thymol, 2c lb.

Declined

Camphor, Jap. Slabs, 1c lb. Strychnine Salts, 5c oz.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid	\$.35	\$.35	\$.35	\$.32	\$ 2.00	\$.20
Acid Citric Import	\$.46	\$.46	\$.45	\$.47	1.25	\$.45
Cateline, Alkaloid	3.75	3.75	3.75	3.50	13.00	3.65
Calomel, American	1.37	1.37	1.37	1.22	3.43	.90
Camphor, Jap., ref.	.74	.75	.75	.72	3.65	.41
Iodine, Resublimed	4.65	4.65	4.65	4.40	5.00	3.75
Menthol	11.00	11.00	10.75	12.00	13.50	3.00
Potassium Bromide, Cryst.	.49	.48	.48	.33	4.30	.80
Quinine Sulfate, Imp.	.50	.50	.50	.50	.90	.25
Sodium Salicylate	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate	.54	.54	.57	.63	1.05	.50
Average	2.204	2.204	2.272	2.21	5.92	1.56

The outstanding feature in the fine chemical market this week is a noticeable upward trend in prices which does not accompany any increased buying activity of spot material. Spot buying is still very light, but buying for future delivery is generally reported on the mend. Increased confidence is expressed in many quarters with optimism increasing with expectancy of a good fall trade. In many respects, domestic manufacturers dominate the market with imported goods unable to compete successfully. Replacement costs are higher than spot prices for many items and stocks in these cases have been allowed to disappear with the result that prices are now advancing. This has been the case with regard to bromides and tartaric acid. Quicksilver and codliver oil continue to advance on spot and thymol also is higher. Camphor is scarce but weak.

Acetanilid—Prices continue unchanged with demand of a routine nature.

Acid, Acetysalicylic—There has been no change in this situation with prices held at 75c@80c in first hands and 70c@73c in second hands.

Acid, Benzoic—Business continues normal with no new developments in evidence and prices unchanged.

Acid, Citric—Prices are firm with some new interest shown. The present situation is dominated by the domestic article.

Acid, Diethylbarbituric—No change is seen in this situation with prices for the imported continuing to be quoted way below the domestic.

Acid, Phosphoric—Business continues normal with prices unchanged at former figures.

Acid, Salicylic—Prices remain unchanged with the market of a routine nature.

Acid, Tartaric—Considerable activity has been evi-

denced in this item during the hot weather and the inside price on imported is now 273/4c lb. with domestic unchanged at 29c lb.

Alcohol—There has been no change in price either in first hands nor in second hands although considerable increase in demand is reported and first hand holders are looking forward to coming into their own in the near future. Denatured is now quoted on the open market at 46c@47c gal. in barrels with the schedule price held firm at 581/2c@611/2c as to denaturant.

Aloin—There has been no change in this market with prices firm and demand normal.

Amidopyrine—Prices continue unchanged with demand in very poor evidence at present.

Antipyrine—Slightly better demand has been noted lately but prices are maintained at \$1.75@\$1.90 lb.

Bay Rum—No new developments are seen in this situation with interest centering around St. Thomas at 90c@95c gal. with domestic synthetic material at 75c@80c gal.

Bromides—Little in the way of new demand has been in evidence but stocks are becoming depleted and replacement prices are much higher than the spot market. Prices have strengthened to 51c lb. for the ammonia, 39c@41c for the potash and 44c@46c for the soda.

Camphor—Spot stocks are very low at present and prices are firm at 74c lb. for Japanese slabs with ounce and half ounce cakes unchanged at 90c@91c. Mid-June arrivals are quoted at 73c lb. for the slabs. Domestic refiners are unchanged at 84c lb.

Codliver Oil—Keeping in line with firmness abroad, prices here are continually strengthening and the best that can be done at present is \$34.00@\$36.50 as to brand and quantity.

Formaldehyde—Demand continues to be fairly active at the recent decline to 83/4c@91/4c lb. as to quantity which was brought about by the cut in wood alcohol.

Fusel Oil—Demand continues good and keen competition holds the price at \$2.60@\$4.65 gal.

Glycerin—Market is strong although there is a slight undertone of uncertainty due to rumors that a large consumer has covered his needs. Prices are unchanged except for saponification which is firmer at 133/4c@131/4c lb.

Haarlem Oil—The market continues strong with anticipation of an advance on the part of the imported to correspond with the recent advance in the domestic.

Hexamethylenetetramine—Demand continues active with no further change since the decline recently announced by the domestic makers as a result of the lowered price of methanol. Imported is unchanged at former figures.

Menthol—The market is now strong at \$11.00 which is generally conceded to be the inside price. The Japanese market is firm and stocks here cannot be replaced at much under the current price.

Mercury—The price has advanced further and is now named at \$83.25@\$83.50 flask. At present, little consuming demand is visible, but holders maintain that

this is due to a false hope on the part of the consumers that the present prices are artificially produced.

Methanol—Prices remain unchanged at recent declines with some returning confidence evidenced by domestic producers. Another 135 casks of German synthetic material were imported through Philadelphia last week.

Papain—Prices remain unchanged at \$2.75@\$2.95 for the powdered with crude at \$2.40.

Strychnine—Following a reduction of from 3c to 10c oz. last week, strychnine salts were again cut 5c oz. early this week to bring them down to a point where they can successfully compete with Japanese goods that have been brought into the market. The alkaloids are now quoted at 71c oz. for the crystals and 6c for the powdered with the sulfate down to 50c and minor salts from 65c@75c oz.

Thymol—Stocks have become depleted and prices have advanced to \$3.85@\$4.00. It is impossible to replace present stocks at under \$3.90.

The following officers were elected at a meeting of the Maryland Section of the American Chemical Society in Baltimore on May 29: Chairman, Dr. H. A. B. Dunning, of Hynson, Westcott & Dunning; vice-chairman, Dr. Groves H. Cartledge, Department of Chemistry, Johns Hopkins University; secretary-treasurer, Ray M. Carter, Research Laboratory, U. S. Industrial Alcohol Co. Following the election of officers, H. E. Howe, Editor of the "Journal of Industrial & Engineering Chemistry," spoke on the activities of the American Chemical Society.

A joint outing of the Northeastern and Rhode Island sections of the American Chemical Society was held last week at Riverside, Mass. The program started at 3 o'clock by an exhibition of airplane flights. The feature of the outing was the chemical warfare exhibition held at 6:30. Smoke screens were formed and war fireworks such as flares, candles and phosphorus bombs, were set off.

Dr. C. L. Parsons, secretary of American Chemical Society, is on his way to the meeting of International Union of Pure and Applied Chemistry at Bucharest, Roumania, which opens June 21. Dr. Parsons and Walter L. Patrick, Gerald L. Wendt, A. M. Patterson, Edward Bartow, and Dr. James F. Norris, president of American Chemical Society, are delegates to the meeting from the National Research Council.

A display of arc welding equipment, motors and control will be shown by the General Electric Co. during the Exposition of the Association of Chemical Equipment Manufacturers in the state armory, Providence, R. I., June 22 to June 27. C. T. McLoughlin will be in charge at Booths Nos. 25 and 26.

The total catch of cod for Norway from the beginning of the season up to May 20 was 49,300,000 cod against 52,600,000 last year with a yield of steam refined medicinal oil of 80,488 hectoliters against 92,225 last year.

Millard-Heath Co., St. Louis, has enlarged the offices and warehouse facilities, and put in a complete line of chemical apparatus, chemical glassware, and analytical chemicals for industrial laboratories, colleges and schools.

Fries & Fries Co., Cincinnati, has moved the New York office from 242 Pearl St. to 244 Pearl St.

OIL LEMON HIGHER IN LONDON

Shortage in Codliver Oil Brings Another Advance in Price at Bergen—Quotations on Potassium Prussiate, Alum, Ammonium Chloride and Menthol Easier—Milk Sugar and Cascara for November Delivery Are Lower.

(Special Cable to DRUG & CHEMICAL MARKETS)

London, June 10—Trading in drugs and chemicals is light, this week. Prices are higher for cloves for future delivery, oil lemon and glucose. The market is firmer on carbolic acid, Japanese mint oil and American peppermint oil.

Prices are easier for potassium prussiate, alum, ammonium chloride and menthol.

Lower quotations are announced on milk sugar and cascara sagrada for November delivery.

Codliver oil is advancing owing to a pronounced shortage. Finmarken is quoted at 140 shillings, f.o.b. Bergen.

London, June 1—(By Mail)—Antimony has fully maintained the advance to £70 for English regulus. Spot Chinese is firmly held at £60 and over.

Cascara Sagrada of new crop is steady at £52 10s per ton, c.i.f., July-August.

Cloves—The recent advance is well held with a good demand for forward. Zanzibar spot 10d to 10½d per lb.

Hydrastis can still be had in moderate quantity on spot at 22s per lb.

Lemon Oil—Messina cables higher, prices to 3s 6d per lb., c.i.f. Much oil of doubtful quality still presses on the market in London and creates an easy tendency. Prime brands spot 3s 3d to 3s 6d per lb.

Bromides have further advanced and are now firmly held. Potassium 2s, ammonium 2s 5d, soda 2s 2d per lb.

Phenacetin in large lots is somewhat cheaper at 4s 7½d per lb.

Croesote Oil on spot has suffered a further drop and round lots for export can now be had at 6½d f.o.b. per gallon.

Carbolic Acid Crystals are unusually low at 4½d per lb. f.o.b. for large bulk.

Bismuth Metal is very firm at 7s 6d per lb., with restricted deliveries to consumers.

Codliver Oil—The Finmarken catch has been rather seriously affected by stormy weather and the quality of the fish is of much lower oil render. A sharp advance and still rising market in Bergen is reported by cable. Crude oil is dearer in comparison with steam refined.

Ipecacuanha—At the bimonthly auction this product attracted most interest moving off freely at very firm rates. Matto Grosso 8s per lb.; Minas 8s 3d per lb.

Rhubarb, Canton, sold without reserve cheaply 2s 3d per lb.

Sennas, ordinary Tinnevelly, sold cheaply at 2½d to 2½d; Alexandra, sea damaged, pods 3d per lb.

Ergot easier; Spanish 1s 8d to 1s 9d per lb.

Opium—Cables from Smyrna report higher prices all round. Spot "Druggists" is now 2s 10d per unit.

Sugar of Milk, Dutch—Finest is cheaper by 5 case lots 7s 6d per cwt.; U. S. A. barrels, 76s per cwt.

Japanese Mint Oil and Menthol were advanced on the news of the earthquake in Japan, but subsequently subsided.

The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 1745-1749

RHUBARB ROOT FIRMER ON SPOT

Rumors Heard of Shortage on Local Market—Cascara Sagrada Firming Up—Dandelion Root Weaker With Arrival of Hot Weather—Insect Powder Quiet—Marrow, Henbane, Henna, Belladonna and Gentian Easier—Week of Quiet Trading

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Anise, Spanish, $\frac{1}{2}$ c lb. Cochineal, black, 3c lb.
Cannabis, U.S.P., 1c lb. Japan Wax, $\frac{1}{2}$ c lb.
Carnauba Wax, 1c lb. Rhubarb, 1c lb.
Cascara Sagrada, 1924 peel, $\frac{1}{2}$ c lb. Sandarac Gum, 3c lb.
Cassia Fistula, 1c lb. Stramonium Leaves, 1 $\frac{1}{2}$ c lb.

Declined

Anise, Star, $\frac{1}{2}$ c lb. Henbane Leaves, 2c lb.
Belladonna Root, 1c lb. Henna Leaves, 1c lb.
Cohosh, black, 1 $\frac{1}{2}$ c lb. Insect Powder, 1c lb.
Dandelion Root, 1c lb. Marjoram Leaves, 1c to 1 $\frac{1}{2}$ c lb.
Fish Berries, $\frac{1}{2}$ c lb. Soap Bark, powdered, 1c lb.
Gentian, powdered, $\frac{1}{2}$ c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, U.S.P.	\$.33	\$.33	\$.33	\$.42	\$.90	\$.42
Buchu Leaves, Short	.65	.65	.64	.76	4.00	.85
Cantharides, Russian	.80	.80	.82	.90	9.00	2.10
Cocculus Indicus	.08	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.03	.85	.03
Ergot, Spanish	.50	.50	.51	.30	4.50	.54
Insect Powder, pure	.38	.40	.40	.63	1.00	.28
Ipecac, Cartagena, Powd.	2.35	2.35	2.35	2.10	4.50	1.35
Nux Vomica	.05 $\frac{1}{2}$	.05 $\frac{1}{2}$	.5 $\frac{1}{2}$	.05	.14 $\frac{1}{2}$	.07
Opium gum	12.00	12.00	12.00	9.00	30.00	5.00
Rhubarb Root, H. D.	.33	.32	.32	.30	1.75	.15
Tragacanth No. 1, ribbon	1.45	1.45	1.40	1.20	6.00	1.50
Wild Cherry Bk., thin nat.	.09	.09	.09	.11	.21	.07
Average	1.584	1.584	1.583	1.32	5.28	1.60

During a week of comparatively quiet trading new developments in the way of price advances and declines have not been wanting and in most cases they are genuine reflections of the actual situation rather than spasmodic fluctuations due to sudden and unforeseen shortages or arrivals. Trading has not been spectacular, but buying has been in evidence and is regarded as on a firm basis. Little enthusiasm has been aroused over any particular item and dealers have not evinced much tendency to speculate. Some items, which do not keep well in hot weather, have weakened, owing to the fact that not all dealers care to keep them in cold storage during the summer, while other items have developed actual or prospective shortages and have advanced. The political situation in China has been felt in the local market for rhubarb, and some dealers frankly predict still higher prices for that item. Cascara sagrada, stramonium leaves and carnauba wax are all reported occupying stronger positions on the New York market, while belladonna root, dandelion root, powdered gentian, henbane and henna leaves and insect powder are somewhat easier to obtain.

Anise Seed—Market shows increased activity with price of Spanish seed advanced to 15c@15 $\frac{1}{2}$ c lb. and star lowered to 12 $\frac{1}{2}$ c@13c lb.

Arabic Gum—Slight weakening is seen in some quarters but price remains unchanged. Amber sorts firm at 13 $\frac{1}{2}$ c lb.

Balsams—Some shading is seen in one or two instances but the market in general continues firm at 56c@58c for copaiba, South American, 54c@56c for copaiba,

Para, \$11 gal for Canada fir and \$1.00 for Oregon fir, \$1.85 for Peru and \$1.40 for Tolu.

Belladonna—Root is easier at 15c@18c lb. with leaves unchanged at 25c@27c lb.

Buckthorn—Prices continue firm at 7c@10c lb. which is regarded by many dealers as a fair price following a recent period of depression below actual value.

Buchu—This situation is somewhat easier but prices are fairly well maintained at 65c@67c lb.

Cannabis—American U.S.P. has been advanced to 46c@60c lb. with the "no assay" unchanged at 30c@40c. No imported material is available on the market and no quotations are heard.

Carnauba Wax—Business in this wax is reported to be good and prices have been advanced to 39c@40c lb. for the Flor., with No. 1 yellow up to 37c@40c and No. 3 North Country and chalky up to 28c@28 $\frac{1}{2}$ c and 27c@28c respectively.

Cascara Sagrada—There has been a firmer tendency evidenced by the holders in the West and 1924 peel is now named at the advanced price of 14 $\frac{1}{2}$ c@15c lb. Some interest is developing in the 1925 peel which is quoted for future delivery about August or September at 12 $\frac{1}{2}$ c@13c lb.

Cassia Fistula—There has been an advance to 9c@11c lb. for this product in baskets.

Cochineal—Black cochineal is reported much firmer at the advanced figure of 51c@53c lb.

Cohosh—Black cohosh root is easier at 6 $\frac{1}{2}$ c@15c as to quality with other grades unchanged at 10c@11c for the blue and 23c@25c for the pulp.

Damiana—Holders are still firm in asking \$1.25 for this root but it is understood that they are not anxious to sell as stocks are not very great at present.

Dandelion—With the advent of hot weather most of the holders are willing to part with their dandelion root rather than incur the expense of putting it into cold storage to keep it. Price has declined to 18c@19c lb. this week.

Ergot—Fair activity continues for this item although it is somewhat less in demand than it was a few weeks ago. Prices remain unchanged at 50c@51c lb.

Fish Berries—Prices are easier at 8c@8 $\frac{1}{2}$ c with demand not very much in evidence.

Gentian Root—Powdered root has been reduced to 12c@13c lb. with whole and ground unchanged at 8 $\frac{1}{2}$ c@9c and 12c@13c respectively.

Golden Seal Root—There have been repeated reports of lowered prices but while some shading can undoubtedly be done, most holders are continuing to ask \$5.10 for the whole root and \$5.25 for the ground. There has been no easing in the country and the only reason there should be any easing in the market is that demand is not very active at present.

Henbane Leaves—The U.S.P. leaves are now procurable at the reduced price of 27c@30c lb. with no assay leaves unchanged at 24c@26c lb.

Henna Leaves—Price has been reduced to 8 $\frac{1}{2}$ c@10c lb. with powdered unchanged at 12c@14c lb.

Insect Powder—Most of the buying for this season is completed and powder can now readily be purchased at 37c@40c lb. With the arrival of hot weather some

more active buying is expected but prices are considered to be stable at these figures.

Japan Wax—Market for this item has advanced to 16c@16½c lb.

Larkspur Seed—Demand is weak at high levels of \$4.00@\$6.25 which are maintained by holders.

Lycopodium—Continues strong at 85c@90c lb.

Marjoram—Proximity of new crops is producing lower prices for German and Chilian at 27c@28c and 24½@25c respectively. French marjoram remains nominal on spot with one or two tentative offerings for July-September delivery at 24c@24½c lb.

Rhubarb Root—The local market has strengthened and prices are now up to 33c@35c for the whole root with the powdered at 38c@40c. It is rumored that there is none afloat, which fact coupled with the trouble in China, is expected to produce still higher prices here.

Saffron Flowers—Spanish saffron remains in poor demand at \$31@\$32 lb., with American safflowers unchanged at 40c@45c and Mexican saffron at 50c.

Sandarac Gum—This gum is reported much firmer at the advanced price of 45c@46c lb.

Saw Palmetto Berries—Prices continue at high figures of 40c@45c lb.

Soap Bark—Powdered bark is lower at 12c@13c lb. with whole, crushed and cut unchanged at former levels.

Stramonium—Leaves have advanced to 9½c@10c lb. with seed unchanged at 10c@11c lb.

Valerian Root—Rumors of lower prices are unconfirmed and holders are continuing to ask 45c@60c lb.

George H. Lincks writes that the sandarac gum supply has been considerably curtailed along with other gums and seeds by a drought in Morocco, and that the Yacca red gum supply has also been materially reduced by a fire in Australia. Exports of Kauri gum from Auckland during March were 495 tons, valued at £43,353, of which 240 tons came to the United States. The United States received 2,624 tons of the total 5,432 tons, valued at £446,019, exported during the year ended March 31, 1925.

The Interstate Commerce Commission has suspended until Oct. 3 the operation of certain railroad schedules which propose to prohibit the acceptance of alcoholic liquors, in less than carload quantities, for transportation by freight via the Louisville & Nashville, thereby depriving shippers of the right to transportation by freight of a commodity not dangerous to handle and which is ordinarily accepted for transportation.

Notice has been sent to members of the National Wholesale Drug Association by the chairman of the Publicity Committee that reservations for hotel accommodations at Detroit for the convention, Oct. 4 to 9, should be made at once. The headquarters will be at the Book-Cadillac Hotel. F. E. Bogart, Detroit, is chairman of the Committee on Arrangements and Entertainment.

Meyer Selzman, who was found guilty in a lower court of selling denatured alcohol in less than 5-gallon packages without marking it "poison," lost his appeal to the U. S. Supreme Court, which has decided that the arguments, claiming that the denatured alcohol provisions of the law were beyond the power of Congress to enact, are without force.

The Editor's Correspondence

Alcohol Indictments and Names Mixed

Editor, DRUG & CHEMICAL MARKETS:

We wish to use the medium of your paper in order to protect our good name. On the date of May 26th, 1925, the New York papers printed an article which indicated that the M. De Mattia Chemical Corp. and the Sherlow Chemical Corp. with two other corporations and 2 individuals, were indicted by the Federal Grand Jury at Newark, New Jersey, of defrauding the United States Government of \$250,000 in alcohol taxes.

The facts are as follows:—Mr. Michael De Mattia was president of the M. De Mattia Chemical Corp. in 1922 with address at 237 Mercer Street and subsequently at 136 Liberty Street. He resigned in April, 1923, from the M. De Mattia Chemical Corp., selling his shares to Mr. Marcel Scherer and Mr. Frank H. Lowenfels. An agreement was made whereby they agreed to discontinue to use the name of M. De Mattia in their corporate name. However, it seems that they did not do anything of the kind, but, continued to use the name of M. De Mattia Chemical Corp. in an illegal way, whereby indictments were returned by the Federal Grand Jury in Newark, New Jersey against the M. De Mattia Chemical Corp. located at 136 Liberty Street, at a time when no such corporation was in existence.

Mr. M. De Mattia organized a new corporation under the name of M. De Mattia Chemicals Inc., with addresses at 15 Moore St., New York City. You must realize that to have such articles appear in the New York papers has injured our good name. We would appreciate, if you would kindly state in your paper that this corporation has nothing to do with the Sherlow Chemical Co., at 136 Liberty Street and is in no way connected with either Marcel Scherer or Frank H. Lowenfels, but that they have done everything possible to confuse this issue in the minds of the chemical trade. We request the services of your valuable paper in order to protect our good name. We shall ask you to please print the entire article in the next issue of your newspaper, as it is the only fair way, both to our president, Mr. M. Mattia and to the officers of this concern, who have tendered their names hereto.

M. De Mattia Chemicals, Inc.

Michael De Mattia, pres. and other officers
of corporation.

New York, May 27, 1925.

The National Wholesale Druggists' Association has published a book entitled "Distribution Through the Drug Trade—How to Get it—Also Decisions Governing Distribution." The purpose of the book is to aid manufacturers, proprietors, advertisers and advertising agencies in the selling of drugs and proprietary goods. It considers in detail the problems of distribution considering the locations of wholesale markets, general policies adopted by the association and a resume of the Government's decisions on price maintenance cases. The book, which was compiled by C. H. Waterbury, consists of 63 pages, and is bound in limp cloth.

Tacoma Drug Co., Tacoma, Washington, capitalized at \$150,000, has elected the following officers: President, C. F. Osmers, former owner of Idaho Drug Co., Lewiston, Idaho; secretary-treasurer, M. G. A. Du Buisson. The corporation has made application for membership in the National Wholesale Druggists' Association.

The Essential-Oil Market

Current Spot Quotations of Essential Oils, pages 1749-1750; Aromatic Chemicals, 1750

SPOT PEPPERMINT ADVANCES TO \$16.00

Expected Advance Sends U.S.P. Up to \$16, Natural \$15
 —No Shipment Offers from Country—First Oil Expected Early September—Spot Lemon Higher, But Market Appears Easier—Orange and Bergamot Easy

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Oil Lemon, Ital., 5c lb. Oil Peppermint, U.S.P., \$2 lb.
 Natural, \$1.75 lb.
 Declined

Oil Orange Ital., 5c lb. Oil Thyme, 5c lb.

Trend of the Market

	Last	Last	Last	War	Pre-	War
	Today	Week	Month	Year	Peak	War
Oil Bergamot	\$ 3.30	\$ 3.30	\$ 2.40	\$ 3.90	\$ 7.00	\$ 5.00
Oil Citronella, Ceylon .....	.66	.66	.65	.82	1.02	.60
Oil Cloves	1.70	1.70	1.75	1.80	3.70	1.40
Oil Lemon, Italian	1.05	1.00	.95	.85	1.70	2.00
Oil Peppermint Nat.	15.00	13.25	13.00	4.25	9.00	2.24
Oil Sandalwood, E. I.	7.00	7.00	7.00	6.50	14.00	5.25
Oil Sassafras, Artif. ....	.27	.37	.27	.25	1.00	.26
Benzaldehyde U.S.P.	1.30	1.30	1.30	1.50	5.15	1.50
Comarin	3.25	3.25	3.25	3.85	8.00	3.10
Methyl Salicylate, Cana... .	.47	.47	.47	.47	1.00	.90
Vanillin .....	.49%	.49%	.49%	.54%	.95	.20
Average	3.12	2.94	2.93	2.27	6.83	2.05

Some stimulation of demand resulted from the recent hot weather which covered the entire eastern section of the country, but, the essential oil market as a whole remained quiet with inquiry mostly confined to jobbing quantities. Peppermint oil holds the center of the stage with all eyes on the country. The price of spot oil moved up again this week, which is believed to be a forerunner of further sharp advances during June and July. Better demand for lemon and orange oils has brought higher figures for spot lemon, but no change in orange. Oils limes, citronella and rosemary were strong spots. Otto of rose is very firm and prices point upward. Thyme, bergamot, and geranium oils are easier.

Essential Oils

Oil Almond—Bitter oil at \$3.00 lb. for U.S.P. and \$3.15 for prussic acid free, shows only a routine movement. Sweet almond oil is strong at 80c ranging to 95c as to brand and quantity. Peach kernel oil has quieted down, but holds at 50c lb. inside without change.

Oil Anise—Little change in spot position is noted. Demand is small. U.S.P. in cans is held from 62c to 65c lb. as to seller. Technical oil is mostly quoted at 60c, but 59c is a possibility on firm business for a quantity.

Oil Bay—Position strong with some holders anxious to move prices higher than the \$2.25 lb. level in effect. Range up to \$2.75 as to seller.

Oil Bergamot—Lack of demand and consequent weakness still persist in bergamot. Prices are openly named at \$3.40@\$3.75 lb. as to seller, for standard goods, but sales of oil, billed as bergamot, have taken place at \$3.25 and less. The strength on the other Messina essences does not seem to have any effect on bergamot.

Oil Cassia—Dull, but prices firmly held at \$1.90 lb. for technical and \$2.35 up for U.S.P. in cans.

Oil Cedarleaf—Still available at any price from 80c up, according to the quality desired by the purchaser. Pure oil is reported commanding 87½c and 90c lb. Much the same applies to cedarwood, with the range from 57½c up for spot drums.

Oil Citronella—Position remains strong. Demand has shown some expansion, but quantities are not large. Shipment prices hold high. Spot drums Ceylon oil at 66c lb. unchanged, with some asking 67c. Cans 68c@70c lb. Java oil easy and quiet at \$1.00 lb. spot.

Oil Cloves—Price unchanged at \$1.70@\$1.75 lb. spot from distillers, but materially stronger spice market may have effect on essential oil price within the next week or ten days.

Oil Geranium—Dullness and limited demand tend to keep the position of geranium oils rather soft. Prices, however, show little change. African rose from \$5.00 up to \$6.50 lb. for spot as to quality and seller. Bourbon oil \$4.50@\$5.00.

Oil Lemon—Shipment cables have been coming through at \$1.09 up to \$1.15 duty paid this week. Demand for spot oil was slightly better as might be expected with the hot weather of last week. Best inside spot price is now \$1.05 ranging to \$1.25 lb. as to brand, seller, and quantity. Although stronger exchange and speculation in Sicily may force prices higher, the position here does not look quite as strong as last week.

Oil Limes—Stocks of expressed oil are small and prices are very firmly held at \$4.50 up to \$4.75 lb. as to seller. Distilled oil firm, but unchanged at \$1.75.

Oil Orange—The position appears little changed. Demand has been better, but the market did not appear to strengthen as a consequence. Easiness characterizes the spot market with prices held at \$2.60 up to \$3.00 lb. for Italian, and \$2.50 to \$2.70 for West Indian. High Italian exchange has had little effect here.

Oil Peppermint—As was more or less expected in the trade, the price shot up sharply to \$15.00 for natural oil and \$16.00 for redistilled last Saturday on spot. Those who hold spot oil, have all that is available or is likely to be available until Sept. 15 or thereabouts. Unless this year's crop develops very rapidly in the Mid-West, no new oil can be expected until September at the earliest. When the 1925 crop does come in, however, barring cyclones, earthquakes, or an epidemic of measles, it will undoubtedly come in to the tune of 500,000 or 600,000 lbs. of oil. The time element may also cut down considerably by the efforts of farmers to get their oil to market early at higher prices. With money at stake, agricultural miracles are not uncommon. For the present, however, no offers for shipment or otherwise are forthcoming from the country.

Oil Rosemary—Continues strong, but unchanged at 45c lb. for U.S.P. in drums, and 48c for cans.

Oil Rose—Very firmly held and tending upward. Standard goods run all the way from \$9.50 to \$11.50 oz. spot. Cheaper oil from \$8.00@\$9.00 oz.

Oil Wormseed—Still selling at \$3.10 spot although storm report last week put up price in some quarters to \$3.25.

Aromatic Chemicals

Benzaldehyde—American makers quote \$1.30 lb. U.S.P.; \$1.50 for free from chlorine. Imported \$1.00 to \$1.25 as to seller and quality.

Diethyl Phthalate—Range from 30c to 35c lb. for drums as to seller and quantity.

Menthol—Demand quiet with price unchanged at \$1.00 lb. after last week's advance. Stocks close held, and likelihood of further advance to \$1.25 before Thursday.

Vanilla Beans

Jobbing inquiry for vanilla beans has been steady, but quantities moving have been comparatively small. Prices unchanged, but tend easy at \$9.50 lb. up to \$10.50 for Mexicans spot. Bourbons \$8.50@\$9.00 lb.

LEMON OIL DEARER TO ARRIVE

Quality of Present Season's Crop Above the Average
—Consumer Demand Increasing

(Special Correspondence to DRUG & CHEMICAL MARKETS)

London, June 2—There are few outstanding changes in prices this week and demand is fair. Lemon oil is dearer to arrive, and caraway oil is also higher, says the "Chemist and Druggist." Bourbon geranium is lower and bergamot and Sicilian orange are easier.

Lemon—The bulk of the distressed parcels offered last week now appear to have been disposed of. Bullish reports accompanied by higher prices have been cabled this week from Sicily, from 3s 7d to 3s 9d per lb. c.i.f. being quoted in several directions. Spot prices vary from 3s 2d to 3s 4½d, but the higher price is difficult to get. The consuming demand has improved, owing to the more seasonable weather; the quality of the current season's oil is exceptionally good, being above the average.

Bergamot is quoted at 14s 9d to 15s 6d per lb. c.i.f. to arrive for 37 to 39 l.a., being easier. Spot is unchanged at from 15s to 15s 6d.

Caraway—German offers appear to have been advanced recently, up to 6s 6d per lb. c.i.f. being current. Dutch double rectified on the spot is selling at from 8s 6d to 9s 6d as to quantity.

Cassia is quiet and unchanged on the spot at from 8s to 8s 3d for 80 to 85 c.a.

Citronella—Ceylon is cheaper at 2s 7d per lb. on the spot or c.i.f. to arrive. Java is steady at 4s spot, and firmer to arrive at 3s 11d c.i.f.

Clove—English distillers quote at the unchanged rate of 6s 6d to 6s 9d per lb. Continental distillate, 90 to 92 per cent eugenol, is offered at 6s 3d spot. Indian, 87 to 88 per cent, is 6s.

Geranium—Bourbon is cheaper on the spot, with sellers at from 17s to 18s per lb. The forward price from the Island is easier, owing to the decline in the value of the franc, with offers down to about 150 fr. per kilo c.i.f. to arrive. Algerian is unchanged at 25s spot.

Mint—An endeavor was made to hoist the price of Japanese dementholised Kobayashi-Suzuki by 6d to 1s per lb. on the receipt of the news of the earthquake in Japan, but there was no response, and the market fell flat again. Spot is nominal at 14s 6d; May-June is quoted at 14s to 14s 3d c.i.f. to arrive.

The Editor's Correspondence

German Benzaldehyde Poor Is Claim

Editor, DRUG & CHEMICAL MARKETS:

In your issue of May 27th we note the remarks regarding importation of cheap German benzaldehyde. We as large manufacturers of pure benzaldehyde, have naturally been interested in the offers made from abroad during the last four or five months and have received a number of samples of benzaldehyde, so-called FFC made in Germany, both directly from exporters and manufacturers in Germany as well as from importers in New York. In no case, except one, have we found any of these samples to be free from chlorine although they were offered as such and when we have taken the matter up with the exporter on the other side we have invariably received the answer that when they offered benzaldehyde free from Chlorine they naturally meant commercial chlorine free, or, as they express it in German "Handelüblich Chlorfrei."

One large importer in New York is offering Benzaldehyde, FFC, at prices ranging from \$1.12 to \$1.20 lb. and while the benzaldehyde offered by this importer actually is chlorine free, it nevertheless contains impurities which do not make it desirable for use in food products.

An absolutely pure benzaldehyde should dissolve perfectly clear in a sodium bisulphite solution without leaving any trace of non-soluble matter but the German benzaldehyde being offered at the present time in this market makes a very cloudy solution and leaves residue of impurities which certainly would affect the flavor and odor of any products in which it was being used.

We thought we would call this matter to your attention as we have no doubt you are just as interested as we manufacturers in the kind of competition we meet from abroad.

Fries Bros.

New York, May 28, 1925.

Chenopodium oil, or oil of American wormseed, is distilled from the crushed seeds. The oil of the herb has an odor similar to that of tetramethylamine and contains 60 to 70% of ascaridol. When pure, the oil should be soluble in 8 volumes of 70% alcohol. It is used for hookworm and round worm, but is also fatal to ascarides. It sometimes has a toxic effect, evidenced by dizziness and nausea.

Distillation of the leaves of meriandra benghalensis from Erythrea yields from 0.64% to 0.87% of oil containing camphor, cineol, camphene and another sesquiterpene forming a bis-nitrosochloride. The camphor constitutes about one-third of the oil and the cultivation of this plant for the camphor has been suggested.

Steam distillation of the leaf buds of Manchurian poplar yields about 2% of a bright yellow oil which, on distillation over sodium, is found to contain a sesquiterpene, populene, two alcohols present as valerates and a paraffin.

Emile Utard, general manager in the United States for Parfumerie Ed. Pinaud, Paris, France, died Sunday at his home, 340 West Eighty-eighth St. Mr. Utard was born in France in 1862.

John H. Montgomery, formerly of Burton T. Bush, Inc., became associated with Fritzsche Bros., New York, essential oil importers, on June 1.

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical, and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrines, sizes, and starches; fertilizer materials; accelerators and solvents, and miscellaneous products. Crude Drugs, including barks, herbs, roots, etc. Essential Oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallow, greases, and fats. All groups are in alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available,

and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20	American Gallons
1 American Gallon	—.833	Imperial Gallon
1 American Gallon	—3.79	Liters
1 Liter	—.264	American Gallon
1 American Gallon (Water)	—8.35	Pounds
1 Pound (Avoirdupois)	—.454	Kilogram
1 Kilogram	—2.20	Pounds

Style and Arrangement Copyright by DRUG & CHEMICAL MARKETS, 1922

Chemicals

		ACID	ACID (Cont.)
ACETANILID, tech 150 lb bbls. lb	.26 : .28	Butyric, 60% pure, 5 lb bot. lb	.55 : .60
100 lb kgs.	.27 : .30	90% lb	.70 : .75
URP, 200 lb bbls.	.35 : .37	C.P. 10 lb bot. lb	1.25 : 1.50
Second Hands lb	.35 : .36	Cambphoric USP, VIII 1 lb bot. lb	5.50 : 5.70
Acetic Anhydride		Carbolic, LSP crys. see also Phenol	
85-89%, 107 lb ephys. lb	.38 : .40	112 lb tins lb	.26 : .27
90-95%, 100 lb ephys. lb	.41 : .45	25 lb tins lb	.28 : .29
CF, 100 lb ephys. lb	.75 : .80	5 lb tins or bot. lb	.30 : .32
Acetone, CF 700 lb drs. e/l wks. lb	... : .12	1 lb bot. lb	.35 : .36
700 lb drs. e/l wks. lb	.13 : .13 1/2	Liquid USP, 1 lb bot. lb	.34 : .35
350 lb drs. e/l wks. lb	... : .14	Crude, 35% 50 gal bbls. gal	.33 : .35
Tank cars, wks. lb	... : .12	10% 50 gal. bbls. gal	.27 : .30
Acetone, 50 gal drums lb	.37 1/2 : .40	Carbonic, see Carbon Dioxide	
Acetone Oil, light, drs. wks. gal	1.40 : 1.45	Chloroacetic,	
Heavy, drs. wks. gal	1.40 : 1.45	Mono 100 lb bbls. wks. lb	... : .25
Acetophenetidin, 225 lb bbls. lb	1.80 : 1.90	Di, 150 lb ephys. wks. lb	... : 1.00
Acetyl Chloride, 100 lb ephys. lb	.33 : .35	Tri, 5 lb bot. lb	... : 2.50
ACID, 1, 2, 4, 250 lb bbls. lb	... : 1.30	Chlorosulfonic, 1500 lb drs. wks. lb	.15 : .18
Acetic, 98%, 400 lb bbls. e/l wks. lb	... : 3.00	Chromic, USP, 200 lb drums. lb	... : .87
25%, 1e/l wks. lb	... : 3.25	85% Pure, 200 lb drums. lb	... : .95
55%, e/l wks. lb	... : 5.60	Chromotropic, 300 lb bbls. lb	... : 1.35
56%, le/l wks. lb	... : 5.85		
70%, bbls. e/l wks. lb	... : 6.89	Cinnamic, 5 lb cans lb	8.25 : 8.50
70%, le/l wks. lb	... : 7.14	CITRIC, USP, cryst. 230 lb bbls. lb	... : .45%
80% coml. bbls. e/l wks. lb	... : 7.73	Powd. USP, 200 lb bbls. lb	... : .46%
80% coml. le/l wks. lb	... : 8.08	Imported crys. 112 lb kegs. lb	.46 : 47 1/2
80% pure bbls. e/l wks. lb	... : 8.72	Single kegs. lb	... : .47
80% pure le/l wks. lb	... : 8.87	Cloves, 250 lb bbls. lb	.95 : .97
Glacial, bbls. e/l wks. lb	... : 10.57	Cresylvle, 95% dark dr. NY. gal	.62 : .64
Glacial, le/l wks. lb	... : 10.82	97-99% pale, dr. NY. gal	.64 : .66
Glacial, USP drs. wks. lb	... : 11.32	Croton, sweet, drums. gal	... : ...
Acetalsalicylic, 225 lb bbls. lb	.75 : .80	Diethylbarbituric, Dom. 25 lb lots. lb	8.00 : 9.00
Second Hands lb	.70 : .72	Imp. 10 lb lots. lb	4.00 : 4.15
Anthranilic, tech. drs. lb	... : .88	Formic, 85% tech. 140 lb ephys. lb	10.1% : .11
99-100%, 100 lb drs. lb	.98 : 1.00	90% 80 lb drs. incl. lb	.11 : .11 1/2
Benzotic, tech, 100 lb bbls. lb	... : .65	Galle, USP, 150 lb bbls. lb	... : .65
Tech. tan lots bbls. lb	... : .60	Gamma, 225 lb bbls. wks. lb	1.40 : 1.45
URP, 100 lb bbls. lb	.69 : .70	Glycerophosphoric, 25% 1 lb bot. lb	1.85 : 1.95
Second Hands lb	.65 : .67	Hydrochloric, 10% USP 5 lb bot. lb	.65 : .70
Boric, crys. powd. 250 lb bbls. lb	... : .09%		
Kegs, 100 lb lb	.10 : .10 1/2		
Woolmer's 250 lb bbls. lb	... : 1.25		

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Chemicals

ACID		ACID	
MURIATIC, 30° spts, lb/l		Picric, 450 lb bbls.....	B .38 : .37
wts.....	100 lb	Bbl. car lots, whs.....	B .35 : .35
Crys. c/l whs.....	100 lb	Fyuogallic, cry. 5 lb cans.....	B 1.25 : 1.30
Tank cans, whs.....	100 lb	Resorcinol, 5 lb cans.....	B 1.50 : 1.60
15° 120 lb drgs.		Tech. powd., 200 lb bbls.....	B .85 : .85
c/l whs.....	100 lb	Salicylic, tech., 125 lb bbls.....	B .33 : .34
Tank cans, whs.....	net ton	USP, 100 lb bbls.....	B .34 : .35
12°, 120 lb drgs.		Second Hands.....	B .33 : .34
c/l whs.....	100 lb	Sulfanilic, 250 lb bbls.....	B .15 : .18
MURICATIC, CP & USP, see Acid Hydrochloric		SULFURIC, 66° 150 lb drgs.	
Naphthalene, tech. 250 lb bbls		1/l whs.....	100 lb 1.50 : 1.25
		Crys. c/l whs.....	100 lb .15 : .25
		1500 lb Drums, 1/l whs.....	
bbls.....	B 1.00 : 1.05	whs.....	100 lb .80 : .80
35°, 135 lb		Tank cans, whs.....	net ton 14.00
Crys. 1/l whs.....	100 lb 4.75 : 5.00	1/l whs.....	100 lb 1.00 : .80
Crys. c/l whs.....	100 lb 4.50 : 4.75	Drums, c/l whs.....	100 lb .80 : .80
55° 1/l chrys. whs.....	100 lb 5.25 : 5.75	Tank cans, whs.....	net ton 9.50 : 10.00
Crys. 1/l whs.....	100 lb 5.00 : 5.25	C.P. 175 lb drgs.....	B .07 : .08
60° 1/l chrys. whs.....	100 lb 5.75 : 6.00	Glauber 20 p.c. 1500 lb drums	
Crys. c/l whs.....	100 lb 5.50 : 5.75	1/l whs.....	100 lb .14 : .14
63° 1/l chrys. whs.....	100 lb 6.25 : 6.75	Drums, c/l whs.....	100 lb .15 : .15
Crys. 1/l whs.....	100 lb 6.00 : 6.25	Tank cans, whs.....	net ton 17.00 : 18.00
C.P. 100% single whs.....	100 lb .13 : .13	Glauber, 40% drs 1/l whs, net ton	...
Gallic, 300 lb bbls, whs.....	B .10% : .11	40.00	
Bals., NY.....	B .10% : .11	Sulfurous, USP 8% 100 lb chrys.	B .06 : .06
Kegs, 100 lb NY.....	B .11% : .11%	4% 100 lb drgs.....	B .04 : .05
Imp. 550 lb cans.....	B .10% : .11	USP, 5 gal. drums.....	B .06 : .08
Phenylisochloroform, domestic	B 9.20 : 9.60	Tannic, tech. 300 lb bbls.....	B .30 : .40
Imported, 55 lb	B 6.00 : 6.25	USP, powd. 200 lb bbls.....	B .75 : .80
Phenobarb, 50% tech, 150 lb		USP, fufty, 50 lb bbls.....	B .75 : .80
drgs.....	B .07 : .07%	Tartaric, USP, cryst. 300 lb bbls.....	B .29 : .29
Drugs, c/l whs.....	100 lb .06 : .06	USP, powd. 200 lb bbls.....	B .29 : .29
drums.....	B .15 : .17	Imp. USP, 240 lb bbls.....	B .27% : .29
Imported.....	B .	Powd. 240 lb bbls.....	B .28 : .28%
Second Hands.....	B .15 : .16	Tobacco, 250 lb bbls.....	B .35 : .35
100% Naphthalene Anthracene			
Picramic, 300 lb bbls.....	B .		

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JUNE 10, 1925

Chemicals

ALCOHOL, DENAT. (Cont.)

50 gal. drums, extra.....gal	.52%	.54%
Car lots.....gal	.50%	
No. 5, Complete Denat. 188 Proof		
50 gal. bbl. incl.....gal	.59%	.61%
Car lots.....gal	.57%	
50 gal. drums, Extra.....gal	.52%	.54%
Car lots.....gal	.50%	
No. 6, Complete Denat. 188 Proof		
50 gal. bbl. incl.....gal	.58%	.60%
Car lots.....gal	.58%	
50 gal. drums, extra.....gal	.51%	.53%
Car lots.....gal	.49%	
In addition to the regular authorized formulas for completely denatured alcohol, some 75 formulas for specially denatured alcohol are authorized for special uses. Owing to the limitations of their use, however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulas in products authorized by the Dept. of Internal Revenue.		
Alcohol, USP, 100 lb. cans.....lb	.85	.86
Alpha-Naphthol crude 300 lb. bbls. B	...	.85
Refined.....B	.85	.90
Alpha-Naphthylamine, 250 lb. bbls. B	.35	.37
Ten lots, bbls. wts.....B	...	.35
ALUM, Ammonia, lumpy 400 lb. bbls.		
wts, 1c/l.....B	8.15	8.50
Imp., 500 lb. cans.....100 lb		
Ground, 400 lb. bbls. wts. 100 lb	3.50	3.75
Powd. 250 lb. bbls. wts. 100 lb	3.55	3.90
Chrom., 500 lb. cans. wts. 100 lb	5.35	5.50
Potash, lumpy 400 lb. bbls.		
wts.....100 lb. B	3.50	3.75
Bbls. c/l wts.....100 lb	3.25	3.40
Ground, 400 lb. bbls. wts. 100 lb	3.50	3.85

ALUM, Potash (Cont.)

Imp. 350 casks.....100 lb	...	2.75
Powd. 380 lb. bbls. wts. 100 lb	4.00	4.50
Chrome, 500 lb. cans. wts. 100 lb	5.25	5.50
Soda grd. 400 lb. bbls. wts. 100 lb	...	2.75
Bbls. c/l wts. ....100 lb	...	2.50
Aluminum, metal, c/l NY 100 lb	27.00	28.00
Chloride, anhyd. 275 lb. drs. B	20	.22
Crystals, 250 lb. bbls. ....B		
30% sol. 120 lb. drs. B	.03%	.04
Hydrate 98% light 90 lb. bbls. B	.17	.18
Heavy 62-64%, 220 lb. bgs. B	.06	.06%
400 lb. bbls. wts. ....B		
Stearate, 100 lb. bbls. ....B	.06%	.07
31% ....B		
SULFATE, Iron-free bags c/l		
wts.....100 lb	2.00	2.10
Bbls. c/l wts.....100 lb	2.15	2.25
Imported, spot.....100 lb	1.70	1.75
Copper 1/4% iron wts. c/l		
wts.....East 100 lb	...	1.40
Cont. bgs. c/l wts. E 100 lb	1.35	1.40
Bags, c/l wts. W.....100 lb	...	1.40
Bbls. c/l wts. East.....100 lb	...	1.55
c/l cont. wts. E 100 lb	...	1.50
Amidol (see Diaminophenol)		
Antidipyrine, Imp. 10 lb. boxes. B	...	
Domestic, 10 lb. boxes. B	4.00	4.75
Antimonium, 110 lb. bgs. ....B	...	1.15
AMMONIA, anhyd. 100 lb. cyl. ....B	...	.30
Water, 26° 800 lb. drs. wts. ....B	...	.06%
Dra. c/l wts. ....B	...	.06%
C.P. chys. ....B	...	.12
Imp. 800 lb. drs. incl. spot. B	0.65%	.06%
26° 100 lb. chys. c/l wts. B	.08%	.08%
Chys. c/l wts. ....B	...	.08%
26° 800 lb. drs. c/l wts. ....B	...	.04%
Chys. c/l wts. ....B	...	.04%
18° 800 lb. drs. c/l wts. ....B	...	.04%
Chys. c/l wts. ....B	...	.04%

AMMONIA (Cont.)

16° 800 lb. drs. c/l wts. ....B	...	.03%
Chys. c/l wts. ....B	...	.04
Ammonium Acetate, 100 lb. kgs. B	...	.45
Benzene, USP, 1 lb. bot. ....B	...	1.27
Bifluoride, 300 lb. bbls. ....B	.21	.23
100 lb. kgs. ....B	...	.23
Bromide, 450 lb. bbls., 50 lb. bgs. B	.63	.54
Imported, 112 lb. boxes. ....B	.51	.52
Shipment. ....B	...	.53
Carb. tech. 560 lb. bags. ....B		
Powd. 285 lb. bbls. B	.08%	.09
USP, lumpy 100 lb. kgs. ....B	.12	.12%
Powd. 100 lb. kgs. ....B	.13	.13%
Chloride, Domestic		
White, 250 lb. bbls. c/l. ....B	...	.07
250 lb. bbls. 1c/l. wts. ....B	.07%	.07%
Imported white 600 lb. cans. spot	.05%	.05%
Gray, 250 lb. bbls. wts. ....B	.07%	.07%
Bbls. c/l wts. ....B	...	.07%
Imported gray 250 lb. cans. ....B	.06%	.07
Lump, 500 lb. cans. spot. ....B	.12	.12%
Iodide, USP, 25 lb. jars. ....B	4.85	5.00
Lactate, 500 lb. bbls. ....B	.15	.16
Nitrate, tech. crys., 235 lb. bbls. B	...	
Refined Crystals, 235 lb. bbls. B	.21	.23
CP gran. 100 lb. bags. ....B	.25	.27
Oxalate, pure, 100 lb. bags. ....B	.35	.37
Permutite, 220 lb. bbls. ....B	.28	.29
Phosphate, dibasic 200 lb. bbls. B	...	.38
Tech. powd. 325 lb. bbls. ....B	...	.18
Phosphate, mono, 325 lb. bbls. B	.12	.12%
Salicylate USP, 100 lb. kgs. ....B	.75	.80
Sulfate bulk c/l wts. ....100 lb.	2.60	2.65
200 lb. single bags. c/l wts. 100 lb. ....B	...	2.90
200 lb. double bags. f a s 100 lb. ....B	...	2.55
Sulfocyanide, tech., 100 lb. kgs. ....B	.40	.45
CF, 25 lb. jars. ....B	.50	.55
Amyl Acetate, tech. 50 gal. drs.B	2.75	3.25
Refined, 50 gal. drums.B	3.50	4.00
Alcohol, see Fuel Oil		

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Chemicals

ANILINE OIL, 900 lb drums...lb	.16	: .17	BARIUM BINOXIDE, see Barium dioxide Carbonate, precip., 300 lb bbls. wks.ton 56.00 : 58.00	Benzol, see Benzene
Aniline Salt, 200 lb bbls...lb	.20	: .22	Precip., 200 lb bgs. wks. ....ton 54.00 : 56.00	Benzoyl Chloride, 500 lb drs...lb
Anisette, lins .....lb	.41	: .43	Imports bags, NY .....ton 48.00 : 50.00	Benzyl Acetate, 100 lb chys .....lb
Anthracene, 90-95% 600 lb casks wks. ....lb	.65	: .70	Chloride, 800 lb bbls., wks. ....ton 64.00 : 65.00	Alcohol, 5 lb bot. ....lb
Anthragumine, subl. 125 lb bbls. ....lb	1.00	: 1.15	200 lb bgs. wks. ....ton 63.00 : 64.00	Benzolate, 5 lb bot. ....lb
Antimony metal, slabs ton lots...lb	.16	: 16 1/2	Imports, large crystals, bbls. spot .....ton 61.00 : 62.00	Medicinal FFC .....lb
Needle Powd., 100 lb cases ..lb	.15 1/2	: .16	Small crystals, bbls. ....ton 60.00 : 61.00	Chloride, 95% tech. 925 lb drs...lb
ANTIMONY CHLORIDE, anhyd 1000 lb dr. ....lb	.35		Import, 86-98% 400 lb drs...lb	100 lb chys .....lb
50 lb casks .....lb	.45	: .48	Hydrate, 500 lb bbls. ....lb	Redistill, 160 lb chys. ....lb
Sol'n, 130 lb carbons 33°.lb	.35	: .06	Iodide, 5 lb box .....lb	Formate, 1 lb bot. ....lb
oxide, 500 lb bbls. ....lb	.17		Nitrate, 700 lb casks .....lb	Berberine Hydrochloride, 1 lb bot. ....lb
Salt, dom. 500 lb bbls. ....lb	.26		Imports casks .....lb	Sulfate, acid or neut. 1 lb bot. ....lb
Imp. NY .....lb			Sulfocyanide, 600 lb bbls. ....lb	BETA-NAPHTHOL, 350 lb bbls.wkslb
Sulfur, golden 500 lb bbls. ....lb	.20		Barwood, chips .....lb	Carboxylic, wks. ....lb
330 lb kegs .....lb	.23	: .23	Barytes, floated 350 lb bbls. wks. ....ton 23.00 : 24.00	Sublimed .....lb
Crimson, 500 lb bbls. ....lb	.48	: .55	Imported .....ton 29.00 : 33.00	Beta-Naphthylamine, tech. 300 lb bbls. ....lb
336 lb kegs .....lb	.50	: .57	Crude, c.l.f. ....ton ... : 9.00	Sublimed .....lb
Vermillion, 500 lb bbls. ....lb	.48	: .53	Bay Rum, Porto Rico, genuine	Bichloride Mercury, see Mercury Bichloride
336 lb kegs .....lb	.50	: .60	Medicated salicyl. acid or tartar emetic 45 gal. bbls. ....gal .90 : 1.00	BISMUTH metal, 100 lb cases...lb
Tartarolate, 500 lb bbls. ....lb	.45		Medicated quinine sulf. 45 gal. bbls. ....gal .80 : 1.00	Second Hands .....lb
Antipyrine, USP, 100 lb cases...lb	1.75	: 1.90	Domestic synthetic, 50 gal. Bbls. ....gal .75 : .77	Ammon. Citrate, USP, 5 lb cans...lb
Asmorphine Hydrochloride, 1/4 oz. vials...oz			St. Thomas Medicated salicyl. acid or tartar emetic, 50 gal. bbls. ....gal .90 : .95	Betanaphthalate, 5 lb bxs...lb
Aspirin, double 600 lb bbls. ....lb	.13	: .14	Benzaldehyde, tech. 945 lb drs. wks. ....lb	Citrate, USP, 5 lb cans. ....lb
Triple, 600 lb bbls. ....lb	.16	: .17	USP, 40 lb chys. ....lb	Nitrate, 25 lb jars .....lb
Cone, 600 lb bbls. ....lb	.18	: .20	FFC, 40 lb chys. ....lb	Oxychloride, 25 lb bxs. ....lb
Avoline Hydrobromide, 1 oz. vial...oz	8.75	: 10.25	PURE, 110 gal. drs. wks. ....gal .70 : .75	Phenoxyulfonate, 5 lb cans. ....lb
Argols, red powd., 350 lb bbls. ....lb	.06 1/2	: .07	USP, 110 gal. drs. wks. ....gal .130 : 1.40	Salicylate, 25 lb bxs. ....lb
Aspirin, metal 220 lb kegs. ....lb			FFC, 110 gal. drs. wks. ....gal .140 : 1.50	Subcarbonate, USP, 25 lb bxs. ....lb
Red, 224 lb kegs cases...lb	.12 1/2	: .13	PURE, 110 gal. drs. wks. ....gal .70 : .73	X-Ray diag. 1 lb bot. ....lb
White 220 lb cases to 550 lb bbls., NN .....lb	.04 1/2	: .05	Benzidine Base, dry 250 lb bbls. ....lb	Subgalate, USP, 25 lb bxs. ....lb
Asbestine, c/l .....ton 16.00 : 18.00			Benzidine Sulfate, paste 350 lb bbls. ....lb	Subiodide, 5 lb lots .....lb
1c/l .....ton 20.00 : 22.00			.75 : .76	Substrate, USP, 25 lb jars. ....lb
wks. see Acid acetylaminophenyl			.70 : .72	Second Hands .....lb
Atropine Alk., USP 1 oz vial...oz	6.50	: 7.50		Cone, 1 lb bot.lb
Sulfate, 5 oz cansoz				Subsalicylate, USP, 25 bxs.lb
Single ounceoz				

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Chemicals

Bromine (Continued)		
Tannate, 1 lb. bot.	2.35	
above on basis 25 lb. lots.		
Smaller lots at an advance.		
Blanc Fixe, dry 400 lb. bbls. ton	80.00	
Imported, ton	72.00	
Paints, 650 lb. bbls.	55.00	
BLEACHING POWDER, 700 lb. drs.		
c/l wks.	2.00	
Drums, c/l ex-warehouse	100 lb. 2.35	
Contract, c/l wks.	100 lb. 1.90	
Crates, 1 c/l wks.	100 lb. 2.15	
Imported, spot	100 lb. 1.95	
Blood, dried, f.o.b. NY	3.60	
Chicago	3.50	
S. Am. shipment	3.75	
Chromic, brown Chinese, Miller,		
Prussian, Soluble	.35	
Vitriol, see Copper Sulfate		
Bone, 3 & 50 gr. steam	Chgs. unit	32.50
Raw, NY	ton	36.00
Bone Ash, 100 lb. kegs	lb. .06	.07
Black, 200 lb. bbls.	lb. .06	
Borax, cry. 400 lb. bbls.	lb. .05%	.05%
Powdered, 500 lb. bbls.	lb. .05	.05%
Kegs, 100-150 lb.	lb. .05%	.06
Bordeaux Mixture, 16% pd. bbls.	lb. .11%	.18
Paints, bbls.	lb. .08	.10
Boraxol, 1 lb. bot.	3.50	
Brimstone, see Sulfur		
(Freight allowed)		
British Gum, com. c/l	100 lb. 5.02	5.07
ke/l	100 lb. 5.12	5.17
Potash, c/l	lb. .09	
Bromide, see potash, bromide, etc.		
Tronoxite, set in 50 lb. c/l wks.	lb. .07	
Tronoxite, 500 lb. drums	lb. .40	.42
Bromoforn, USP 5 lb. bot. c/l	1.75	1.85
Cryst. Alkalized, 100 cwt. c/l	ton .10	
Sulfate, 100 cwt. c/l	ton .10	
Cryst. of Antimony see Antimony Chloride		
Butyl Acetate, tank cars, wks. gal	2.25	
Drums, c/l wks. gal	2.27	

CADMIUM (Cont.)		
Sulfide, 20 lb. cases jars	lb. .70	.75
Iodide, 10 lb. bot.	lb. 4.40	
Salts, c/l	lb. .70	.75
CAFFEINE ALK., USP 5 lb. cans	lb. 8.75	8.85
Second Hand	lb. 8.50	8.60
Hydrochloride, 1 lb. bot.	lb. 6.05	6.35
Sulfate, 1 lb. bot.	lb. 5.40	5.60
Citrate, 25 lb. cans	lb. 2.70	2
Hydrobromide, 1 lb. bot.	lb. 4.05	4.00
LALCIUM. Acetate, 150 lb. drs. c/l	lb. 100 lb. .27.75	
Arsenate, 100 lb. bbls. c/l wks.	lb. .07	.08
Bromide, 100 lb. cans	lb. .06	
Chloride, 220 lb. dr. c/l wks. lb.	lb. .04%	
Chlorate, tech. 100 lb. bags	lb. 100 lb. 1.00	1.1
USP, precip. 175 lb. bbls. lb.	lb. .06%	
Chloride, solid, 500 lb. drs. c/l	lb. 10 lb. wks. top 21.00	23.00
Imp. wks. top 18.00	20.00	
Flatz, 375 lb. drs. c/l drs. f.o.b. wks.	lb. 27.00	
Anhyd., 350 lb. drs. f.o.b. NY	lb. .18	.20
Glycerophosphate, 250 lb. bbls.	lb. .14.40	
Hydrate, see Lime		
Hypophosphate, USP, 25 lb. cans	lb. .60	.65
Iodide, 5 lb. bot.	lb. .4.40	
Lactate, tech., 500 lb. bbls.	lb. .13%	
USP	lb. .60	
Nitrate, 220 lb. bbls. c/l NY. ton	lb. .50.00	
Phosphate, tech. 450 lb. bbls.	lb. .09	.10
Phosphate, mono, 325 lb. bbls.	lb. .11	.14
Sulfocarbonate, 100 lb. kegs	lb. .07	.08
CAMPHOR, Amer. ref. 250 lb. bbls.	lb. .55	.57
25 lb. salts, 100 lb. c/l	lb. .84	
1 lb. cakes, 100 lb. c/l	lb. .85%	
1 oz. tab., 1 lb. cans	lb. .85%	
100 lb. cans	lb. .89	
1/2 oz. tab., 1 lb. cans	lb. .90	
100 lb. cans	lb. .90	

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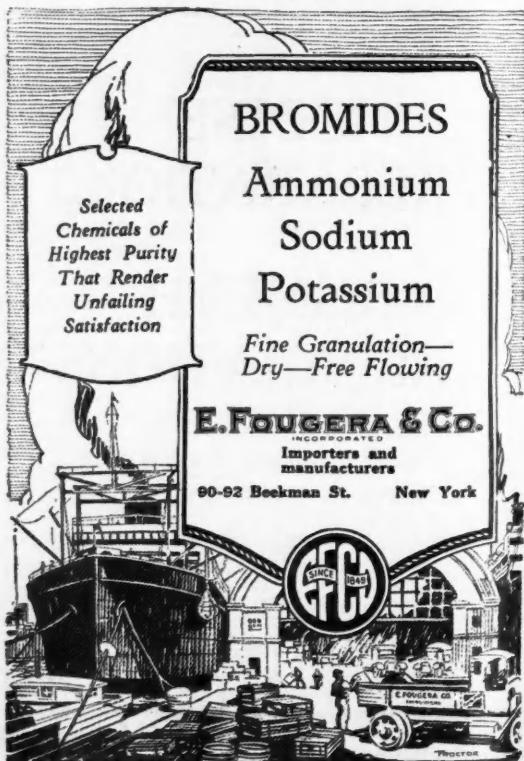
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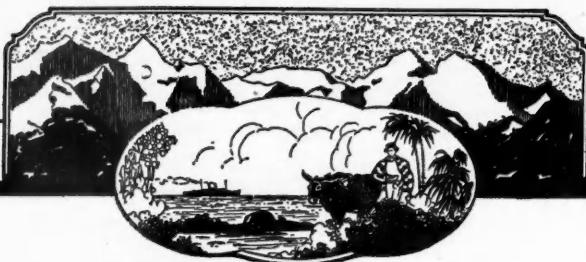
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Chemicals

Cutch, Rangoon, 100 lb. bales... B	...	: .22	Duboisine Sulfate, 1 oz. vial... cs	...	: 20.07	FERRIC CHLORIDE, tech. crys. 475 lb. bbls.	...	B	.07%	: .10
Borneo, solid, 100 lb. bales... B	.08%	: .04	EARTH, Diatomaceous, see Kieselguhr			Imported		B	.04%	: .05
Liquid, 450 lb. bbls... B	.09	: .11	Egg Yolk, 150 lb. cs... B	.48	: .50	C.P. crys. 100 lb. kegs.		B	...	: .10
Tablets, 120 lb. boxes... B	.13	: .14	Emetine al., 15 gr. vial... cs		: 1.30	Imported		B	.06	: .06%
Cyanamide, bulk, c/1 wts, Ann. unit	1.87%	: 2.00	Hydchloride, USP, 1 oz. vial... oz	17.00	: 17.57	Neut. Sol'n 420 140 lb. bbls... B		B	.06%	: .07
Cyclohexanone, see Hexane			15 gr. vial... cs		: .82	460, 140 cbs... B		B	.08	: .08%
Cymene, See Para-Cymene			EPSOM SALT, tech. 300lb. bbls. NY	100 lb.	... : 2.15	USP Sol'n 125 lb. cbs... B		B	.06%	: .07
Dextrin, white corn 140 lb. bags. c/l	100 lb.	... : 4.82	Bbls. c/l NY	100 lb.	... : 2.00	Ferrous Chloride, crys. tech. 475 lb. bbls.		B	.06	: .06%
Canary, 100 lb. bags... bags, 1c/l	100 lb.	... : 4.87	100 lb. bags, c/l NY	100 lb.	1.50 : 1.75	Ferrous Sulfide, 1000 lb. bbls. 100 lb.		B	2.50	: 3.00
Potato, 200 lb. bags, 1c/l... Yellow, 220 lb. bags	100 lb.	... : 4.92	Imp., 220 lb. bags, c/l			Fish Scrap, dried wks...unit acid Buff 7 & 34, Danv Norfolk & Balt bags, unit		B	4.00	& .10
Tapioca, 200 lb. bags, 1c/l... B	100 lb.	... : 0.08%	NY	100 lb.	1.28 : 1.33	Pike-White, see lead white				
DIAMINOPHENOL, 100 lb. bags... B	...	: 2.80	UHP, 300 lb. bbls. 10 Mbs. 100 lb.		2.50	Flavine		B	.90	: .95
Dianisidine, 100 lb. kegs... B	8.50	: 2.60	Carbols, bbls.	100 lb.	2.00 : 2.25	Fluorosp., 95% 220 lb. bags, ex- dock		ton	...	: 25.00
Diobutyl Phthalate, wks... B	.45	: .45	Imported, 400 lb. bbls.	100 lb.	1.85 : 1.90	98% bgs.		ton	...	: 33.50
Dichlorobenzene, 1900 lb. drs... B	.06	: .07	100 lb. bags	100 lb.	1.00 : 2.25	98% bgs.		ton	...	: 35.00
Diethylamine, 400 lb. drs... B	...	: 2.50	Ergotin, Bonjean, 1 lb. jars... B	8.00	6.35	FORMALDEHYDE, USP 400 lb. bbls. cyl. wks.		B	.08%	: .09
Diethylamine, 550 lb. drs... B	.60	: .62	Lecrine alk., 1 oz. vial... cs		20.07	Carbonyl, 100 lb. 1c/l wks... Bbls, 400 lb. 1c/l wks... B		B	.08%	: .10%
Diethyl Phthalate, 25 lb. cans... 1000 drs.	100 lb.	... : .45	Salicylate, USP, 1 oz. vial... oz	24.00	24.50	Formal Flour		B	.02%	: .04
Diethyl Sulfate tech. 50 gal. drs... B	...	: .35	Sulfate, USP, VIII, 1 oz. vial... oz	18.00	18.50	Formalin		B	.38	: .40
CP drms	100 lb.	... : .50	ETHER, USP, 55 lb. drums... B		.15 : .16	Fuller's Earth, 200 lb. bags, c/l mines		ton	15.00	: 17.00
Digitalis, Pure, 1 oz. vial... cs	9.75	: 10.25	Anesthesia, 55 lb. drums... B		.19	Imported, 230 lb. bags, NY		ton	35.00	: 40.00
Dimethylamine, 840 lb. drs. wks... B	.32	: .34	Washed, 55 lb. drums... B		.37	Furfural, 300 lb. bbls.		B	.22	: .25
Dimethylamine, 400 lb. drs... B	...	: 2.80	Motor 1 lb. cans... B		.25 : .31	Fusel Oil, 10% Impurities, drs. gal		B	2.60	: 2.80
Dimethylsulfate, 100 lb. drs... B	...	: .50	Ether, Nitro, 1 lb. bot... B		.90 : .95	Fusic, solid 50 lb. boxes		B	.20	: .23
Dimutrobenzene, 400 lb. bbls... B	1.45%	: 15%	Ethy Acetate, 99% 50 gal. drgal	1.15	1.18	Fusic, 50 lb. boxes		B	.20	: .23
Dimutrochlorobenzene, 400 lb. bbls... B	.15	: .16	85% Ether, 100 gal. drs. gal	...	.90	Fusic, sticks		ton	30.00	: 32.00
Dimutrochlorobenzene, 300 lb. bbls... B	.18	: .19	Carbols, drums... gal		.87	Chips		B	.04	: .05
Dimutrophthalene, 350 lb. bbls... B	.22	: .24	Tanks Cars		.85	Fusic, sticks		ton	30.00	: 32.00
Dinitrobenzene, 350 lb. bbls... B	.22	: .35	Refined, drums... gal	1.72	1.85	Gall extract		B	.50	: .52
Dinitrotoluene, 300 lb. bbls... B	.18	: .19	Bromide, 115 lb. drs... B		.40					
Domin, see Morrhuate, Ethy			Chloride, 200 lb. drs. 15 lb. cyl B		.36 : .35					
Diphenoxydiglycidyl, 275 lb. bbls, wks... B	...	: 1.15	Methyl Ketone, 50 gal. drs.		.27%					
Diphenguindamine, 5,000 lbs. 100 lb's	...	: .95	Morphine, see Morphine, Ethy							
Divi Divi Extract		: .04	Ethy Benzyl Andline, 300 lb. drs.	1.05	1.10					
Divi Divi, pods bags		: .04	Ethylenic Bromide, 600 lb. drs.		.70					
Dover's Powder, USP 5 lb. tins... B	53.00	: 55.00	Chlorhydrin, anhyd. 50 gal. drs.		.75 : .85					
	2.30	: 2.36	40% Solution, 50 gal. bbls.		.25 : .30					
			Dichloride, 50 gal. drs.		.20 : .25					
			Glycol		.50 : .60					
			Ethyleneglycolamine		.40 : .42%					
			Eucalyptol, 25 lb. cans... B		.90					
			Felipon, bulk	ton	20.00 : 25.00					



Chemicals

Gambier, 25% Hq. 450 lb bbls. lb	.16	.15	HEMATINE, Paste, 500 lb bbls. lb	.09	.12	Iodine Tinct. USP, 50 gal bbls gal	4.50	4.55
Common, 200 lb cases	.19 1/2	.20	Crystals, 400 lb bbls. lb	.13	.20	Carbys. gal	4.55	4.60
Singapore cubes, 150 lb bags	...	.23	Hemlock, 25% 600 lb bbls. wks. lb	.03 1/2	.03%	Second Hands gal	4.30	4.40
Stearin, USP silver lbl. 100 lb cans	.60	.65	Hemlock, bark	ton	20.00	Iodoform, powd. 10 lb bot. lb	...	6.00
Gold Label, 100 cases	...	1.00	Hexalene, 50 gal. drs. wks. gal	...	4.75	Crystals, 10 lb bot. lb	...	6.05
Technical, 100 lb cans	...	.45	Hexamethyleneestetramine, USP	...	...	Iridium, metal 10 oz. lots. oz	...	200.00
GLAUBER'S SALT, tech. 200 lb bags	...	.50	100 lb drums	lb	.60	Iron, metal by hydrogen 1 lb bot. lb	.80	1.00
c/l wks. 100 lb	1.10	1.20	Imported	lb	...	IRON & AMM. CITRATE, USP 50 lb	...	...
le/c/l wks. 100 lb	1.35	1.45	Rubber Makers, Impala. Pd.	lb	...	cans	...	...
350 lb bbls. c/l wks. 100 lb	1.25	1.35	dr.	lb	...	Green scales, 500 lb. lb	...	.69
Etla. le/c/l wks. 100 lb	1.50	1.60	Homatropine Hydrobrom. USP 1 oz. vials	lb	...	Cacodylate, 100 lb bot. lb	7.50	7.60
Imported, bags, NY	...	.85	Five oz., 1 oz. vials	oz	...	Crilate, USP VIII 25 lb cans. lb	.94	1.01
USP, 300 lb bbls. Imp. sp. 100 lb	...	.90	Hydrastine Alk., 1 oz. vial oz	...	...	Chloride, see Ferric or Ferrous	...	...
USP, 300 lb bbls. dom. sp. 100 lb	...	1.75	Hydichide, USP, 1 oz. vial oz	...	...	Hypophosphite, 5 lb cans. lb	1.55	1.60
USP, 300 lb bbls. c/l wks. 100 lb	...	1.40	Sulfate, 1 oz. vial. oz	...	...	Syrup USP 5 lb. bot. lb	.35	.36
Calcedine, see Sodium Sulfate	...	...	Hydrastinine Hydichide, USP 15 gr. vials	oz	...	Idiole, 1 lb bot. lb	...	4.28
Glucose, (Grape Sugar) dry, 100 70° bags, c/l NY. 100 lb	4.19	4.44	Hydrazobenzene 100 lb kegs	...	...	Swup, USP, 5 lb bot. lb	.25	.26
Syrup, Drs. & bbls. c/l NY 100 lb	4.16	4.35	HYDROGEN PEROXIDE, 25 vol. 400 lb bbls.	...	...	Nitrate, kegs	...	.10
le/c/l NY. 100 lb	4.26	4.45	100 vol. 140 lb chys. lb	.34	.37	Com ¹ , bbls. 100 lb	2.50	3.25
GLUE, pure white, bbls.	...	.23	USP Soln. 375 lb bbls. lb	.04	.05	Oxalate scales, 25 lb cans. lb	.97	1.00
Medium white, bbls.	...	.20	100 vol. 145 chys. lb	...	...	Oxide, red, Spanish	...	.02 1/2
French, bbls.	...	.28	USP bot. 4 oz. cases. gross	7.75	1.00	English	...	.12
High Grade, bbls.	...	.35	Bot. 8 oz. cases. gross	8.00	...	Perchloride, see Ferric Chloride	...	...
Bone, regular, bbls.	...	.10	Bot. 16 oz. cases. gross	11.10	12.00	& Ammon. Oxalate, 25 lb bbls. lb	.07	.40
Fish, bbls.	...	1.50	Hydroquinone, 100 lb kegs	18.25	19.00	& Potassium Oxalate, 25 lb bbls. lb	.41	.44
Hide bbls.	...	.14	Hydrosine Hydrobrom. USP 1 oz. vial	1.40	1.50	& Sodium Oxalate, 24 lb bbls. lb	.32	.35
GLYCERIN, C. P. 550 lb drms. lb	...	.19	Five oz., 1 oz. vial. oz	13.07	13.57	Phosphate, USP, 50 lb	...	.69
Cans, 50 lb	...	.20	Hyoscyamine Alk Cryst. 1 oz. vial. oz	...	...	Propophosphate, USP, 50 lb	...	.74
Dynamite, 100 lb drms. lb	...	1.8	Hyoscyamine, 1 oz. vial. oz	...	...	JALAP RESIN, lump, 5 lb tins	3.75	4.00
Saponification, tanks	...	1.8	Hydrochloric acid, 100 lb kegs	...	...	Powd. tins	4.00	4.25
Soap, Lye, tanks	...	1.13	Hydroquinone, 100 lb kegs	...	...	KIESELEKUHR, 95 lb bags NY. ton	60.00	70.00
Sea Powder, see chrysotrichin	...	...	Hydrosine Hydrobrom. USP 1 oz. vial	...	...	LANGOLIN, see Adeps Lanus	...	...
Graphite, crude, 220 lb bags. ton	15.00	35.00	Hydroquinone, 100 lb kegs	...	...	Larch, 25%, 600 lb bbls. wks. lb	.03 1/2	.04
Flake, 500 lb bbls.	...	.05	Hydroxide, USP, 1 oz. vial. oz	...	...	Powd., 100 lb bags, wks. lb	.07	.08
Ground, lump, bbls.	...	.04	Sulfate, 1 oz. vial. oz	...	...	LEAD, metal c/l NY. lb	...	.08 1/2
Guaiacol liquid, USP, 25 lb cans. lb	2.30	2.25	Hyperic, 51°, 600 lb bbls. lb	.15	.17	Acetate, white crystals, 500 lb bbls. wks. lb	...	...
Benzoin, 1 lb bot. lb	...	13.00	Hyperic, chips	...	.06 1/4	...	...	...
Carbonate, 5 lb boxes	...	2.75	INDOL, C.P. 1 oz. bot. oz	6.00	.60	bbis. wks. lb	.14 1/2	.15
Second Hands	...	2.15	INDOL, C.P. 1 oz. bot. oz	...	...	100 to 250 lb kegs, wks. lb	...	.15 1/2
HAARLEM OIL, Dom. 6 gr. oz. gr.	...	3.25	Iodide, Macran bbls. lb	1.28	1.30	White, broken bbls. wks. lb	14.25	14.75
Imported, 5 gr. cans. gross	3.75	4.00	Indigo, 20% paste, drums	...	.18	White, gran. bbls. wks. lb	16.00	16.50
Halazone, 5 lb bot. lb	2.75	3.25	IODINE, crude, 200 lb kegs	...	4.20	White, powd. bbls. wks. lb	...	16.00
Resublimed, 10 lb jars	...	4.85	Resublimed, 10 lb jars	...	4.70	Brown, broken bbls. wks. lb	.14 1/2	1.5

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U.S.P. 100 lb bags	10	: .19
Armenate, 100 lb bags	12	: .14
Bbls. c/l w/w	12 1/2	: .13
Bols. 10/l w/w	13	: .13 1/2
Paris, 100 & 500 lb bbls. lb	10	: .09
Iodide, U.S.P. VIII 5 lb bot.	2.20	: .46
Nitrate, 500 lb bbls. w/w	12	
Oxide, Bitter, 500 lb bbls. lb	11 1/2	
100 lb bags, w/w	15	
Oxide, red, 500 lb bbls. w/w	11 1/2	
100 lb bags, w/w	16 1/2	
Peroxide, 100 lb drs.	.25	: .30
White, basic carb. 500 lb bbls. w/w	10	
100 lb bags, w/w	14 1/2	
White, sulfate 500 lb bbls. w/w	10 1/2	
Bbls. c/l w/w	10 1/2	
Licorice Ext. Mass. cases	.25	: .26
Compound powder, 500 lb	11	: .12
Powdered	.55	: .40
Sticks, 1 c. 100 lb cases	.45	: .50
LIME, (Soda, see Calcium Soda)		
Ground Stone, bags	ton	: 4.50
Live, Bulk	ton	: 8.50
Live, 325 lb bbls. ton lots		
w/w, 100	lb	: 1.05
Single bbl., w/w	100 lb	: 1.08
Hydrated, 167 lb bbl. ton lots,		
w/w	100 lb	: .85
Single bbl. w/w	lb	: .01
Oyster Shell, 150 lb bbl sing. lb		: .03 1/2
Sulfur, dry 200 lb drs. NY lb		: .03 1/2
Drs. c/l NY	lb	: .08
33° Soin. 50 gal bbls. N Y gal	.15	: .16
Licorice, 5 lb bot.	6.25	: 6.75
Litharge see lead oxide		
Bromide, 100 lb cr.	1.50	: 1.60
Chloride, 100 lb drs.	1.80	: 1.90
Iodide, 5 lb bot.	1.70	: 1.75
Peroxide, 5 lb bot.	5.48	
Lithopone, 400 lb bbls. c/l w/w	lb	: .06%
Bbls. c/l w/w	lb	: .06%
Bags, c/l w/w	lb	: .06%

LITHOPONE (Continued)

Imported, 400 lb bbls	lb	: .06	: .06%
Lithone Cubes	lb	: .06	: 1.00
Logwood, 51°, 600 lb bbls.	lb	: .08%	: .08%
Lower grades	lb	: .07	: .08
Solid, 50 lb boxes	lb	: .12	: .15
LOGWOOD, sticks	ton	: 23.00	: 27.00
Chips, 150 lb bags	lb	: .03	: .03%
Luminol, see Phenylmethylmalonylurea			
Madder, Dutch	lb	: .28	: .30
MAGNESITE, crude	ton		: 15.00
Calched, 500 lb bbls. ton	ton		: 48.00
Magnesium mtl., sticks 100 lb cr. lb	lb	: 1.25	: 1.30
Carb. tech. 70 lb bags NY	lb	: .06%	: .07
75 lb bbls. NY	lb	: .06	: .11
USP, 100 lb bbls.	lb	: .09%	: .10
USP, blocks 100 lb cr. 1, 2, 4	lb		
Chloride, fused 575 lb drs. c/l	lb	: .17	: .19
Plated, 250 lb drs. w/w c/l ton	ton		: 24.00
Fused, 900 lb bbls NY ton	ton	: 23.00	: 30.00
Fluoridate, crystals 400 lb bbls.			
w/w	lb	: .13	: .15
30% soln. 500 lb bbls. w/w	lb	: .07	: .07%
Soln. bbls. c/l w/w	lb		: .06
Glycophosphate, 5 lb tins	lb		: 3.25
Synthetic, 5 lb cans	lb		: 1.05
Oxide, USP light, 100 lb bbls.	lb		: .42
USP, heavy, 250 lb bbls.	lb		: .56
Peroxide, 5 lb cans	lb		: 2.40
Perborate, 1 lb tins	lb		: 2.62
Salicylate, 100 lb bags	lb	: .75	: .80
Sulfate von Epsom Salts			
Manganese Borate, 30%			
200 lb bbls.	lb		: .24
100 lb bags	lb		: .25
Chloride, 600 lb cans	lb	: .06	: .06%
Dioxide, 80-84% 900 lb bbls.			
NY	ton	: 80.00	: 85.00
85-90% 900 lb bbls. NY	ton	: 85.00	: 90.00

MANGANESE DIOXIDE (Cont.)

Hydrated, precip. 100 lb bags. lb	lb	: .15	: .23
Glycerophosphate, 5 lb tins	lb	: 2.90	: 3.00
Hypophos. USP VIII 5 lb cans	lb	: 1.25	: 1.40
Iodide, 1 lb bot.	lb		: 6.65
Ore, bulk, NY	lb	: .43	: .44
Sulfate, 600 lb cans, NY	lb	: .07	: .07%
Mangrove, 55% 400 lb bbls.	lb	: .04%	: .05
Mangrove bark, African	ton		: nom.
Shipment	ton		: 44.00
Marble Flour, bulk	ton		: 12.00
See also Calcium Carbonate			
MENTHOL, USP, 60 lb cases	lb		: 11.00
Less case, 5 lb tins	lb		: 12.25
Synthetic	lb		: 8.00
MERCURY, metal, 75 lb flasks, flask	lb	: 82.50	: 83.50
Less Flasks, 5 lb jugs	lb		: 1.20
Bichloride, cryst. 25 lb bxs.	lb		: 1.20
Gran. powd. 200 lb bags	lb		: 1.10
Rivulite, 25 lb boxes	lb		: 1.10
Blue Mass, 25 lb boxes	lb		: .71
Powdered, 25 lb boxes	lb		: .78
Blue Ointment, USP, 25 lb cans			
50%	lb		: .94
USP, dilute 25 lb cans 30% lb			: .71
33 1/3% Mercury	lb		: .80
Calomel, 50 lb bxs	lb		: 1.87
Citrine Ointment, 25 lb jars	lb	: .54	: .56
Iodide, green 25 lb jars	lb		: 4.10
Red, USP, 25 lb jars	lb		: 4.20
Yellow, USP, VIII 25 lb jars	lb		: 4.10
Oxide, Yellow, USP, 25 lb bxs	lb	: 2.00	: 2.04
Tech.	lb		: 1.43
Red Precip. USP, 25 lb bxs	lb		: 1.48
Powder, USP, 25 lb bxs	lb		: 1.58
White Precip. USP, 25 lb bxs	lb		: 1.59
Powdered, USP, 25 lb bxs	lb		: 1.64
With chalk, USP, 25 lb bxs	lb		: .71
Meta-Nitroaniline	lb	: .73	: .77
Meta-Nitro-para-Toluidine, 300 lb	lb		
bbls.	lb		: 1.90
	lb		: 2.00

QUININE

Sulphate and Minor Salts

Unexcelled in Uniformity of Quality
Brilliant Crystallization and Purity of Color

Cinchonine, Cinchonidine Quinidine and their Salts

THEOBROMINE YOHIMBINE

CAFFEINE QUINIC ACID

Manufactured by

N. V. Amsterdamsche Chininfabriek
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Removes objectionable color
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economically.

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Industrial Chemical Company
Manufacturers

200 Fifth Avenue

New York

Chemicals

Meta-Phenylenediamine, 300 lb bbls.	lb	.90	: .95	MORPHINE (Cont.)			Nitrobenzene, crude, 1000 lb drs. wks	.09	: .09%
Meta-Toluylenediamine, 300 lb bbls.	lb	.73	: .80	Acetate, 5 lb on time 10 ca. lots.ca. dihydromor. 5 lb on time 10 ca.		: 7.35	Distilled, 1000 lb drs wks lb	.09%	: 16%
METHANOL (Wood Alcohol)				lot		: 7.35	Nitrogenous Material	3.35	: 3.55
95% tanks	gal		: .55	dihydromor. 5 lb on time 10 ca.		: 7.35	Nitronaphthalene, 550 lb bbls. lb	.20	: .21
Drums, e/l	gal		: .55	oxy: Hydrochloride, 5% ca. via. 10 ca.		: 7.35	Nitrobenzene, mixed 1000 lb drs. wks	.14	: .15
Drums, le/l	gal		: .60	Small Sizes: 5% ca. vials, 50c extra; 1/2 25c extra; single on vials, 7c extra; lots, over price for 5 ca. time, 25 ca.		: 8.25	Nitroguan., see Crude Drugs Oak bark, whole	20.00	: 23.00
97% tanks	gal		: .67	lots, over price for 5 ca. time, 25 ca.		: 8.25	Ground	35.00	: 40.00
Drums, e/l	gal		: .60	lots in 5 ca. time, 10ca. lower than above schedule. Less than 10 ca. lots 15c or higher than above schedule.		: 8.25	Oak, tanks, wks	lb	: .03%
Drums, le/l	gal		: .62	Musk Ambrette, 1 lb cans	lb	10.50	23-25% liq. 600 lb bbls wks lb	.04%	: .04%
Pure, Acetate free, the ....gal	...		: .65	Myrobalans, 25% liquid bbls. lb		.04%	Ochre	lb	: .03%
Drums, e/l	gal		: .67	50% solid, 50 lb boxes	lb	.08%	" Fuel, see Fuel Oil		
Drums, le/l	gal		: .70	Imported	lb		MIL MINERAL, wh, 50 gal bbls gal	.80	: 1.05
80s incl 8c higher				Myrobalans, bags J1	ton	71.00	Russian	1.05	: 1.20
Methyl Acetone, 100 gal drums gal	75	: .50	R2	ton	50.00	Oil Murban, see nitrobenzene Opium, see crude drugs			
Tanks, cars	gal	70	: .75	J2	ton	53.00	Orange Mineral, 1100 lb casks NY lb		
Chloride, 90 lb cyl	gal	.50	: .55			700 lb bbls. NY			
Salicylate, USP, 50 lb cans	lb		: .67			Ortho-Aminophenol, 50 lb kegs	2.15	: 2.25	
800 lb drums	lb		: .65			Ortho-Azidine, 100 lb drs	2.75	: 3.00	
Second Hand, new	lb	.44	: .45			Ortho-Dichlorbenzene, see Dichlorbenzene			
Methylene Blue, tech, 100 lb kgs. lb		1.25	: 1.50			Ortho-Nitrochlorobenzene, 1200 lb			
USP, medicinal 5 lb cans	lb	2.00	: 2.30			dr. wks	lb	: .37	
Michler's Ketone, 225 lb bbls	lb	8.00	: 8.25			Ortho-Nitrophenol, 350 lb	lb	.90	: .95
Milk, powd. 150 lb bbls	lb	.14	: .18			Ortho-Nitrotoluene, 1000 lb drs. wks	lb	.20	: nom.
Milk Sugar, one sugar of milk						Ortho-Toluidine, 350 lb bbls	lb	.25	: .27
Mineral Oil, see oil mineral						Orange, 51% liquid	lb	.07	: .07%
Mineral Rubber	ton	25.00	: 75.00			Powd., 100 lb bags	lb	.13%	: 14
Monacetate, 50 gal. drums	lb	.44	: .50			Crystals	lb	.18	: .17
Monochlorobenzene, see chlorobenzene						Orgall, USP, 5 lb bot	lb	1.75	: 2.50
Monethylamine, 900 lb drs	lb	.70	: .80			Purified, 5 lb bot	lb	2.00	: 2.50
Monophenyl para-phenol sulfate, 100 lb drs	lb					Crude, 5 lb bot	lb	1.00	: 1.25
MORPHINE Sulfate, USP 5 on time						PALLADIUM, metal 10 ca. lots.ca.	20.00	: 21.00	
10 gal	ca.					Pancreatin, USP, 5 lb bot	lb	2.50	: 2.75
						Papain, 10 lb not. USP, Powd.	lb	2.75	: 2.80
						Crude, 150 lb cases	lb	2.30	: 2.40
						Paraffin, ref'd 200 lb ca. state			
						123-127 Deg. M. P.	lb	.06%	: .06%

For Immediate Shipment —

PHENOL U. S. P.

CRUDE CRESYLIC ACID 97-99% STRAW COLOR

CRUDE CRESYLIC ACID 95% DARK

META PARA CRESOL

CRESOL U. S. P.

ORTHO CRESOL

REFINED CRESYLIC ACID No. 5

SPECIAL CRESOL FRACTIONS



The *Barrett* Company

40 Rector Street

New York City

Chemicals

PARAFFIN (Cont.)	
128-132 Deg. M. P.	B .07% : .07%
133-137 Deg. M. P.	B .08 : .08%
138-140 Deg. M. P.	B .08% : .08%
Para-Aminonicotinid, 100 D. kgs.	B 1.00 : 1.05
Para-Aminophenol, 100 D. kgs.	B 1.10 : 1.15
Hydrochloride, 100 D. kgs.	B 1.25 : 1.30
Para-Dichlorbenzene, 150 D. kgs.	B 1.30
viz.	B .17 : .20
25-50 D. kgs.	B .18 : .22
Paraldehyde, U.S.P., 100 gal. drs. gal.	B .20 : .23
Tech.	B .20
Para-Cymene, Refd., 110 gal. drs. gal.	B 1.35 : 1.50
Parafomaldehyde, U.S.P., 100 D. kgs.	B .42% : .45
Para-Nitrostandid, 300 D. kgs.	B .50 : .55
PARA-NITROBANILINE, 300 D. kgs.	B .58 : .60
viz. ton.	B .58 : .60
Para-Nitrochlorbenzene, 1500 D. drs.	B .20 : .23
Para-Nitro-ortho-Toluidine, 300 D. kgs.	B 1.75 : 1.85
Para-Nitrophenol, 185 D. kgs.	B .50 : .55
Para-Nitrodimethylbenzene, 150 D. kgs.	B .53 : .54
Para-Nitroisobenzene, 250 D. kgs.	B .35 : .40
Para-oxo-Benzoaldehyde, 100 D. kgs.	B .10 : 1.10
Para-Phenol, 500 D. drs.	B 1.55 : 1.60
Para-Phenylenediamine, 350 D. kgs.	B 1.25 : 1.30
Para-Toluene-Sulfonamide, 175 D. kgs.	B .40 : .41
Para-Toluene-Sulfonchloride, 410 D. kgs.	B .18 : .20
Para-Toluidine, 350 D. kgs.	B .65 : .73
PARIS GREEN	
Armenic Soda, 500 D. kgs.	B .19 : .20
Keg, 1000 D.	B .21 : .22
Keg, 50, 35, 14 D.	B .22 : .23

PARIS GREEN (Cont.)	
Packages, 5 and 2 lbs.	B .23 : .24
Package, 1 lb. 1/2 lb. 1/4 lb.	B .25 : .26
Paris White, see whiting, French	
Pepita, U.S.P., 5 lb. bot. 12000.	B 2.25 : 2.50
1-8,000 bottles	B 4.00 : 4.25
1:10,000 bottles	B 6.05 : 7.25
Peptone, powd., 5 lb.	B 1.70 : 1.80
Persian Berries	B .27 : .28
Phenol, see also acid carbolic	
Makers, 950 D. drums, spot.	B .23 : .24
Small drums, 240-100 D.	B .24 : .26
Open market, drums	B .24
240 D. drs. drs. whs.	B .25
Natural, 240 D. drs. whs.	B ..
Phenolphthalein, U.S.P., 100 D. drs.	B 1.30 : 1.40
5 lb. cans, 100 D. lots.	B 1.40 : 1.50
Phenyl-Alpha-Naphthylamine, 100 D. kgs.	B 1.23 : 1.29
Phenylmethylealcohol, 1 lb. bot. Dem.	B 3.00 : 10.00
Imported	B 7.00 : 7.75
Phenylthiomalonylurea, ca. p.m.	B .. : 5.50
Phenone, 100 D. cylinders	B ..
Phosphate Acid, 16% Bulk whs. unit	B .60 : .65
Phosphate Fertil. f.o.b. mines	
Florida Pebble, 65%	ton 2.40 : 2.50
Florida Pebble, 70%	ton 2.75 : 2.85
Tennessee, 72%	ton 3.75 : 4.00
Phosphorus, 175 D. cyl.	B .35 : .40
Phosphorus, red 110 D. ca.	B .70 : .75
Yellow, 110 D. ca. whs.	B .. : .32
Imported, 112 D. cases	B .. : .32
Phosphorus Trichloride, 175 D. cyl. whs.	B .. : .45

Phthalic Anhydride, 100 D. kgs. whs.	
PILOCARPINE HYDCHLIDE, U.S.P. 25 oz. lots. 1 oz. vials.	ca. 4.00 : 4.50
Nitrate, 25 oz.	ca. 4.00
Sulfate, 25 oz.	ca. 4.50
Alkaloid, 15 gr. vials.	ca. .. : .85
Destructive dist.	ca. .. : .65
Piperazine Hydrate, 1 lb. bot.	B .. : 15.00
Piperidine, 25 oz.	ca. 1.10 : 1.35
Pitch, Coal-Tar, whs.	ton 24.00 : 26.00
Piperite, Paris, tech 250 D. bbls.	bbl 6.00 : 6.50
Triter, Dental, 300 bbls.	ca. 3.30
Platinum, metal soft 10 oz. lots.	ca. 4.50
Podophyllin, 5 lb. bot.	B 4.50 : 4.75
Second Hands	B 4.20 : 4.40
POTASH SALTS, rough	
Pot. Muriate, basic, 50% bgs. ton.	ca. 34.55
Pot. Sulfate, basic, 50% bgs. ton.	ca. 45.85
Pot. & Mag. Sulfate, basic 48% bgs.	ca. .. : 26.35
Murex Salt, basic, 30% bulk ton.	ca. 17.50
Murex Salt, basic, 20% bulk ton.	ca. 11.00
Kainit, basic, 12.5% bulk ton.	ca. 7.75
Bulk in bags, \$2.00 extra.	
Prices c.i.f. Atlantic & Gulf Ports.	
Missouri, 50 tons, 5%: 500 tons, 10%: 700 D. drs. whs.	B .073% : .07%
Imp. 85-92% 700 D. drs. N.Y.	B .073% : .07%
U.S.P. by alcohol 5 lb. cans.	B .45 : .48
cases.	B .50 : .55
POTASSIUM Acetate, U.S.P., 100 D. kgs.	
Second Hands, bags	B .29 : .30
Bicarbonate, crys. 320 D. bbls.	B .26 : .28
Bichromate crys. 900 D. cans.	B .09 : .10
Powd. 900 D. cans. whs.	B .11 : .13
Bismalate, 300 D. bbls.	B .16 : .18
Import. 112 D. bbls.	B .18 : .19



Since 1836



ANDREW JACKSON

Eighty-nine years ago, when Andrew Jackson was President, this house was established. It means something very tangible to have been in business more than three quarters of a century; but what means more to us and our customers is that during that whole time, we have not only kept step with progress in the manufacture of collapsible tubes; but have initiated many of the improvements in this type of container.

A.H. WIRZ, INC., CHESTER, PA.
Collapsible Tubes-Metal Sprinkler Tops
 30 East 42nd Street
 New York City

ESTABLISHED 1836
 INCORPORATED 1874

Jackson & Michigan
 Chicago

Chemicals

POTASSIUM (Cont.)

Bisulfate, C.P., 5 lb cans....	lb	...	:	.30
100 lb bags	lb	...	:	.22
Bromate, 100 lb cs	lb	...	:	.90
BROMIDE, USP, cry., 450 lb bbls.				
Granular, 300 lb bbls....	lb	.48	:	.49
Cases, 100 lb	lb	...	:	.50
Imported, USP, 220 lb. cs	lb	.89	:	.41
Shipment	lb	...	:	.43%
CARBONATE, 80-85% calc.				
800 lb cans	lb	.05%	:	.06
80-85%, hydrated, 800 lb cans	lb	.05%	:	.06
90-95% calc. cans	lb	.06	:	.06%
95-98% calc. cans	lb	.06%	:	.06%
99% calc. cans	lb	...	:	.07%
USP, 100 lb bags	lb	.10%	:	.11
99% C.P., cans	lb	...	:	.13%
Chloride, cry., 112 lb bags c/l wks.	lb	.08%	:	.09
Imp. 112 lb bags, NY....	lb	.09	:	.09%
Powd., 112 lb bags, wks.	lb	.08%	:	.09
Imp. bags, NY....	lb	.08%	:	.09
Gran. Imp. 112 lb bags NY....	lb	.10%	:	.11
Pyrotechnic, Inc. powd. NY....	lb	...	:	.07
USP, fine cry. 110 lb bags NY	lb	...	:	.14
Chloride, cry., bbls.....	lb	.04%	:	.04%
Chlorate, USP, 50 lb	lb	...	:	.60
Cyanide, 110 lb cases	lb	.58	:	.60
Glycophosphate, 75% Bain. 25 lb tins	lb	1.35	:	1.50
Quinacol Sulfonate, 5 lb cans				
10 lb	lb	2.00	:	2.25
Hypophosphate, 10 lb cans....	lb	.80	:	.85
Iodide, USP, 100 lb cases....	lb	3.45	:	3.50
Lachophosphate, 4 oz. bot. oz	lb	...	:	.90
Metabisulfite, 200 lb bbls....	lb	.10	:	.11
Imp. 550 lb bbls....	lb	.09	:	.10

POTASSIUM (Cont.)

Muriate, 80%, 200 lb bags, NY	K ₂ O unit	...	:	.63
Nitrate, see Saltpetre				
Oxalate, neutral 100 lb bags....	lb	.16	:	.19
Perchlorate, 112 lb bags, Mc-Apr. lb	lb	.11	:	.12
PERMANGAN, USP, cry. 500 lb				
& 100 lb drs., wks....	lb	.15	:	.16
Imp., 113 lb drs.	lb	.14%	:	.15
Prussiate, red, 500 lb cans....	lb	.37	:	.37%
Prussiate, yellow, 500 lb cans....	lb	.18%	:	.27
Salicylate, 25 lb cans				
Sulfate, 200 lb bags, NY. K ₂ O unit	lb	...	:	.85
USP, VIII, 100 lb bags....	lb	...	:	.15
Sulfocyanide, CP 25 lb jars....	lb	...	:	.50
Tartate, neutral, 160 lb bags, lb	lb	...	:	.51
Quebracho, 200 lb bbls, lb	lb	.25	:	.27
Pumice Stone, Lump, 250 lb bbls, lb	lb	.04%	:	.06
Lump, bags	lb	.03%	:	.05
Powdered, 350 lb bbls.....	lb	.02%	:	.08
Pyridine, 50 gal, drum	gal	4.25	:	4.35
Quebracho Bark	ton	...	:	120.00
QUEBRACHO, 35% Liquid tins..	lb	.03	:	.83%
450 lb bbls	lb	.03%	:	.04
35% bleaching, 450 lb bbls....	lb	.04%	:	.05%
Solid 65%, 100 lb bales	lb	.04%	:	.05
Clarified, bales	lb	...	:	.05
Quercetin, 51°, 450 lb bbls....	lb	.06%	:	.08
Solid, 100 lb boxes	lb	.10%	:	.13
Quercetin bark, rough	ton	...	:	14.00
Ground	ton	34.00	:	35.00
QUICKSILVER, see Mercury				
Quinidine Alk., 100 oz. tins....	oz	.70	:	.75
Sulfate, 100 oz. tins	oz	...	:	.50
Quinidine, see Chinchona				
QUININE SULFATE, USP.				
American, 100 oz. tins.....	oz	...	:	.50
1 oz. tins, 100 oz. lots	oz	...	:	.87
Dutch 100 oz. tins	oz	...	:	.50

QUININE SULFATE, USP.

Java, 100 oz. tins	oz	...	:	.50
Japanese, 100 oz. tins	oz	...	:	.50
Acetate	oz	...	:	.88
Arsenate	oz	...	:	.88
Benzoate	oz	...	:	.88
Bismulfate, USP.....	oz	...	:	.45
Citrate	oz	...	:	.62
Dihydchloride, USP	oz	...	:	.66
Dihybride	oz	...	:	.66
Carbonate, 10 oz. tins	oz	...	:	2.50
Ethyl Carbonate, 16 oz. tins..	oz	...	:	.91
Ferrocyanide	oz	...	:	.88
Formate	oz	...	:	.85
Glycerophosphate	oz	...	:	.88
Hydrochloride	oz	...	:	.88
Hydrobromide, USP	oz	...	:	.62
Hydrochloride, USP	oz	...	:	.62
Hydrochlorosulfate	oz	...	:	.66
Hydchloride & Urea, USP	oz	...	:	.88
Hypophosphate	oz	...	:	.88
Lactate	oz	...	:	.78
PhenoxyMfonate	oz	...	:	.88
Phosphate	oz	...	:	.74
Salicylate, USP	oz	...	:	.63
Tannate, USP	oz	...	:	.45
Tartrate	oz	...	:	.88
Valerate	oz	...	:	.89
Small Sizes: low vials or cans,				
500m. lots, 5c on extra; 50m. cans,				
500m. lots, 3c on extra; 25m. cans,				
500m. lots, 2c on extra; single 100m. vials or cans, 5c extra. All minor quinidine salts sold and quoted basis 100m. lots in 100m. cans. Sulfate and bisulfate sold basis 100m. lots in 100m. cans. Smaller orders or containers extra as above schedule.				

SELDEN Brand 99.99% Pure PHTHALIC ANHYDRIDE

Highest quality obtainable.

Guaranteed uniform purity.

Long needle crystals.

Packed in paper lined, wooden barrels.

Prices on application.

THE SELDEN COMPANY
Pittsburgh, Pa., U.S.A.

Chemicals

SALT, 250 lb bbls, win.....	D	.45	: .47	SALT PELLIC, Double Refined Granular, 400-500 lb bbls c/l wks	D	... : .06	SODA ASH (Cont.) c/l wks, .....100 lb	... : 1.45	
Red Lead, see lead oxide				SALT PELLIC, Granular Low c/l wks, bbls.....	D	... : .06%	Pmp. or spot, Basis 58% bags	... : 1.50	
Red Precipitate, see mercury				Large Crystals, 350-400 lb bbls, c/l wks	D	... : .07%	c/l wks, .....100 lb	... : 1.50	
Rennet, N.F., 5 lbs. (1:25,000)	D	2.95	: 2.50	Small Crystals, 350-400 lb bbls, c/l wks	D	... : .07%	SODA CAUSTIC, 76% solid 1-4 drums, deliv'd NY, 100 lb	... : 3.91	
Resorcin, see resorcinol				Powdered, bbls, c/l wks, bbls.....	D	... : .07%	5 & Up drums, deliv'd NY, 100 lb	... : 3.78	
Rosinolin, tech., 100 lb bags.....	D	1.55	: 1.50	Imported, 500 lb bbls, NY.....	D	... : .06%	Ground & Flake, 76%		
U.P.C., 25 lb cans.....	D	2.55	: 2.35	Santonin, 500 lb bbls, NY.....	D	... : .06%	1-4 drums, deliv'd NY, 100 lb	... : 4.31	
Sorexine Salt, U.S.P., 225 lb bbls.....	D	.19	: .19 1/2	Powd. 1 lb bot.....	D	... : .160.00	5 & Up drums, deliv'd NY, 100 lb	... : 4.18	
Imp. U.P.C., 300 lb bbls.....	D	.30	: .20%	150 lb.....	D	... : .162.00	1-4 bbls, deliv'd, .....100 lb	... : 4.56	
Sorexine, triple, 5 gal. demin. gal. 90				Saponin, ex Quillaja, 50 lb tins.....	D	... : .11.10	5 & Up bbls, deliv'd, .....100 lb	... : 4.41	
Bottles, (Gold in 600 lb bbls, green for net, 1000 lbs hand on a net of 280 lb)				Powd. 1 lb bot.....	D	... : .01%	Contract basis 76% c/l wks, 100 lb	... : 3.10	
Brown Oil first run, 500 gal bbls.....	D	.50	: .58	Schaeffer's Salt, 250 lb bbls, win, D	D	... : .01	Pmp. and spot, Basis 76% c/l wks, .....100 lb	... : 3.20	
Second run, bbls.....	D	.50	: .61	Saponamine, see hyoscyamine			Contract 74% low grade c/l wks, flat .....100 lb	... : 3.02	
Button Glass, 1000 lbs, 40 gal.....				Sellin's Mixture, 225 lb bbls.....	D	... : .16%	Ground & Flake, 76% pmp. and spot, wks, c/l ds, 100 lb	... : 3.68	
Yellow colored, bbls.....	D	.09	: .12	SILICA Crude, bulk, mines .....ton	D	... : 7.00	Contract 76% drums, c/l wks, flat .....100 lb	... : 3.50	
Powdered, bbls.....	D	.02	: .02	Refined, floated, bags .....ton	D	... : 30.00	U.P.C., stick, 10 lb cans.....	D	... : .21
Thinner, bags, mines .....ton	D	24.00	: 30.00	Air floated, bags .....ton	D	... : 50.00	Pure, stick, by alcohol.....	D	... : .27
SACCHARIN, U.P.C., 10 lb cans, 25 lb	D	1.75	: 1.85	Extra, floated, bags .....ton	D	... : 65.00	Soda Sal, see Sodium Carbonate		
Soluble, U.P.C., 10 lb cans, 25 lb	D	1.75	: 1.85	Colloidal, 16 oz bot.....	D	... : 2.80	Sodium Metal, 12 1/2 lb bricks	... D	... : .27
Soap Flour, 150 lb bags.....	D	... : .05	SILVER, metal, American.....	D	... : .67%	SODIUM ACETATE, cry. 450 lb bbls			
Sal Ammoniac, see Ammon. Chloride			Silver Iodide, 16 oz bot.....	D	... : .69	wks, .....100 lb	... : .06%		
Sal Soda, see Sodium Carbonate			Nitrate, 16 oz, bot.....	D	... : .45%	Aluminate, 500 lb bbls, wks, D	... : .07%		
Saltin, U.P.C., 1 lb cartons, 25 lb	D	4.75	: 5.00	Nucleinate, 16 oz, bot.....	D	... : .34	Aluminum Sulfate, see alum soda		
Saltol, U.P.C., 100 lb drums, D	D	.85	Proteinate, 16 oz, bot.....	D	... : .36	Arsenite, 4 lb mat. wks, drums, gal	... D	... : .60	
Saltin, see Sodium Chloride			Soap, Castile, 40 lb bbls.....	D	... : .30	Drums, 8 lb material, wks, gal	1.00	: 1.30	
Salt Cake, c/l f, c, b, wks, .....ton	D	17.00	: 20.00	Powd. U.P.C., 250 lb bbls.....	D	... : .28	Bennett, U.P.C., 100 lb bbls, D	.59	: .62
			Green, U.P.C., 150 lb kegs.....	D	... : .07%	Rosin, 100 lb bbls, D	.59	: .60	
			Soapstone, we Take, crude.....			Bicarbonate, 400 lb bbls, NY, 100 lb	... : .23		
						Bbls, c/l wks, .....100 lb			
						112 lb kegs, wks, .....100 lb	... : .23		
						112 lb bags, NY, .....100 lb	... : .23		
						Bichromate, 600 lb cans, wks, D	... : .06%		
						Casino, c/l NY,D	... : .06%		
						Casino, NY,D	... : .06%		
						Bisulfite, dry powder, 500 lb			
						bbls, wks,D	... : .04	: .04%	



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Chemicals

SODIUM—(Continued)

SODIUM, USP, 450 lb. bbls.	100 lb.	.48	.49
Cases, 50 lb.	100 lb.	.48	.49
Imp. USP, 220 lb. cans	100 lb.	.44	.45
Bromate, 100 lb. ca.	100 lb.	...	1.15
Cacodylate, USP, 25 lb.	5 lb. hot	6.00	6.25
Carbene Sal Soda 350 lb. bbls.	100 lb.	1.30	1.35
Wtws. e/l	100 lb.	1.10	1.30
Monohydrate, 400 lb. bbls.	100 lb. NY	...	2.40
Pure photographic	100 lb.	kg.	kg.
Chlorate, 112 lb. kgs., wts.	100 lb.	.06	.08
Imported, 112 lb. kgs.	100 lb.	.06%	.06%
Chloride, tech.	100 lb.	12.00	13.00
C. P., 300 lb. bbls.	100 lb.	.05	.06
Chromate 800 lb. bbls.	100 lb.	...	.08
Citrate, USP, IX, 50 lb. kgs.	100 lb.	...	.50
USP, VIII, 50 lb. kgs.	100 lb.	...	.52
Cyanide 96-98% 100 lb. cases	100 lb.	...	...
wts.	100 lb.	...	.22
Tow lots, wts.	100 lb.	...	.21
73-76% 100 lb. cases, wts.	100 lb.	...	.19%
125-128% 200 lb. ca.	100 lb.	.20	.20%
120-125% 200 lb. ca.	100 lb.	.17	.18
118-120% 200 lb. ca.	100 lb.	.16	.17
Fluoride, 300 lb. bbls., wts.	100 lb.	.09	.09%
Imp. 350 lb. bbls.	100 lb.	.09	.09%
Glycophosphate USP, 25 lb.	100 lb.	...	...
cans	100 lb.	1.40	1.55
Powder, 25 lb. tins	100 lb.	1.45	1.60
Solution, USP, 25 lb. cans	100 lb.	1.05	1.20
Hydroxide, w/o Soda Caustic	100 lb.	...	...
Hypochlorite Soln, 100lb. cans	100 lb.	...	.05
14 1/2% soln, 50 lb. cans	100 lb.	...	.04
Hydroxite, 200 lb. bbls. e/l wts.	100 lb.	.22	.24
For Stripping, 50 lb. cans.	100 lb.	.30	.35
Hypophosphite, USP, 25 lb. cans	100 lb.	...	...
	100 lb.	.70	.75

SODIUM—(Continued)

HYPOSULFITE, tech. pps. crys.	375 lb. bbls., wts.	100 lb.	2.65	3.05
	Bbls., e/l wts.	100 lb.	...	2.50
	100 lb. kgs., wts.	100 lb.	2.75	3.30
Imp.	100 lb.	2.25
Regular crys., bbls. wts.	100 lb.	2.40	2.65	
Bbls., e/l wts.	100 lb.	2.40	2.50	
Kgs., wts.	100 lb.	3.00	3.10	
Imp.	100 lb.	...	2.75	...
Iodide, USP, 25 lb. cans	100 lb.	4.25	4.30	
Metanilate, 150 lb. bbls.	100 lb.	.70	.75	
Naphthionate, 300 lb. bbls.	100 lb.	.57	.60	
Nitrate crude, 95% 200 lb. bgs.	100 lb.	...	2.55%	
June shipment NY	100 lb.	...	2.52%	
Double Redined 400 lb. bbls.	100 lb.	...	...
gran. e/l wts.	100 lb.	...	.04%
Powdered, bbls. e/l wts.	100 lb.	...	.05%
Nitrite, 500 lb. bbls., spot makers	100 lb.	...	.09
Imp. 650 lb. cans	100 lb.	...	.09%
Ortho-Chloro-Toluene Sulfonate,	175 lb. bbls., wts.	100 lb.
Oxalate, neutral, 100 lb. kgs.	100 lb.	.25	.27	
Perborate, 275 lb. bbls.	100 lb.	.20	.23	
Imp. 225 lb. drs.	100 lb.	.21	.22	
Peroxide, 200 lb. cases	100 lb.	.21	.22	
Phosphate, di-sodium, 550 lb. bbls.	100 lb.	.22	.24	
USP, gran. 275 bbls.	100 lb.	3.40	3.75	
Imp. gran.	100 lb.	.07	.07%	
USP, Crystal, 275 bbls.	100 lb.	0.05	.06	
USP, Crystal, 275 bbls.	100 lb.	.07%	.08	
Monsodium, 100 lb. kgs.	100 lb.	.30	.31	
Tri-sodium, tech. e/l bbls.	100 lb.	.08%	.04%	
Piranate, 100 lb. kgs.	100 lb.	...	.60
Para-Toluene Sulfonate 175 lb. bbls.	100 lb.	.08	.09	
PRUSSIATE, yellow, 350 lb. bbls.	100 lb.	...	...
wts.	100 lb.	10%	10%	
Imp. 50 lb. cans	100 lb.	10%	10%	
Pyrophosphate, 100 lb. kgs.	100 lb.	.24	.26	
Second Hand, USP, kgs.	100 lb.	.40	...	
Second Hand, USP, kgs.	100 lb.	.37	.40	

SODIUM—(Continued)

Silicate, 40° turbid, tanks	100 lb.	...	.75
55 gal. drums, wts.	100 lb.	.85	1.10
40° clear, tanks, wts.	100 lb.	1.20	1.45
55 gal. drs., wts.	100 lb.	...	.80
42° turbid, tanks, wts.	100 lb.	...	1.15
55 gal. drs., wts.	100 lb.	...	1.25
55 gal. drs., wts.	100 lb.	1.85	1.75
Silicofluoride, 450 lb. bbls.	NY. lb.	.04%	.04%
Silicate, 100 lb. drms.	...	...	.39
Sulphate, see Glauber's Salt	...	...	...
Sulfate, Anhydrous, 550 lb. bbls.	...	...	...
e/l wts.	...	.03%	.04
Imp. 250 lb. bbls.	...	.02%	.03%
Sulfate, 60% solid, 650 lb. drs.	100 lb.	...	...
e/l wts.	...	.04%	...
Dr. e/l wts.	...	...	.06
Imp. 700 lb. drs. NY.	...	...	...
60% broken, 650 lb. drs. wts.	100 lb.	...	.04%
Dr. e/l wts.	...	.04%	...
30% crys. 440 lb. bbls., wts.	100 lb.	.02%	.03%
Imp. 400 lb. bbls.	...	...	...
Sulfite, crys. 400 lb. bbls., wts.	100 lb.	.03%	.03%
Anhydrous, 400 lb. bbls.	100 lb.	.00%	.10
Sulfocarbonate, USP, 100 lb. kgs.	100 lb.	.32	.34
Sulfocyanide, 400 lb. bbls.	100 lb.	...	.45
Tungstate, crys. 100 lb. kgs.	100 lb.	.70	.75
SOLVENT NAPHTHA, 110 gal.	...	...	...
dr. wts.	...	...	.30
8,000 gal. tank cars, wts.	gal.	...	.35
Spartein Sulfate, USP, 250 lb. bulk, oz.	...	...	.50
Single oz. vial.	...	...	.67
Spirits Turpentine, bbls.	...	1.02	1.05
Stn. dist.	...	.92	.95
Spirits, 25% liquid tanks, wts.	100 lb.	.01	.01%
Fwd. 50% 100 lb. bags, wts.	100 lb.	.02	.02%
Starch, rice, 140 lb. bags.	100 lb.	.09	.10

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Chemicals

STARCH, powd 140 lb bags/c.1.100 lb	4.17	: 4.27
Bags, 1c/l 100 lb	4.27	: 4.37
Pearl, 140 lb bags c/l 100 lb	...	: 4.07
Bags, 1c/l 4.17	: 4.27	
Potato domestic, 200 lb bags c/l lb	.03%	: .04
Imported, bag duty paid. lb	.03%	: .06%
Wheat, dom. lb	.06%	: .07
Imp. lb	.07%	: .07%
Sol. Potato lb	.07%	: .07%
Steamed Bone Meal, 3 & 50 Baltton	27.00	: 27.50
SILICONIUM Bromide, USP, 50 lb bags lb	.51	: .52
Cath. 600 lb bbls. wks. lb	...	: .07
100 lb bags, wks. lb	...	: .08
Iodide, USP, 25 lb jars lb	...	: .00
Nitrate, 600 lb bbls. wks. lb	.08%	: .09
Imp. bbls. NY. lb	.07%	: .08
Salicylate, USP, 100 lb bags. lb	.70	: .80
STRYCHNINE Alkaloid USP, crys. 100 oz. tins oz	...	: .71
Japanese, cans oz	...	: .75
Alk. powd. USP oz	...	: .61
Acetate oz	...	: .65
Glycophosphate, USP oz	...	: .65
Hydrobromide oz	...	: .65
Hydrochloride oz	...	: .65
Hydrophosphate oz	...	: .75
Nitrate, USP oz	...	: .65
Phosphate oz	...	: .65
Sulfate, USP, crys. powd oz	...	: .50
Saccharin oz	...	: 1.25
strychnine preparations quoted same 1000 lots in 1000 fine Small Sizes; 1/4 oz vials, 50c extra; 1/2 oz vials, 35c extra; single ounce vials, 7c extra. Lots of 25 oz. Be higher than above schedule. Lots of less than 25 oz. 10c higher per oz.		
Sugar Coloring (See Caramel)		
Sugar Milk, USP, 200 lb bbls. lb	.20	: .21
Second Hands, USP, bbls. lb	.18%	: .19
Sulfonal, see Sulfonmethane		
Sulfonmethylmethane, USP, 10 lbs. lb	3.85	: 4.05
Sulfonmethane, USP, 10 lb bxs. lb	2.65	: 2.85
SULFUR		
Crude, f.o.b. mines ton	14.00	: 15.00
Brimstone, 250 lb bags, c/l 100 lb	1.75	: 1.95
Less c/l bags NY. 100 lb	1.85	: 2.10
Roll, 500 lb bbls. c/l NY. 100 lb	...	: 2.15
Less c/l bags NY. 100 lb	2.20	: 2.45
Flour, Heavy, 290 lb bbls. 100 lb	2.50	: 3.05
Light, 100% 260 lb bbls. 100 lb	2.60	: 3.15
Rubbermakers 100% 240 lb bbls. NY. 100 lb	2.50	: 3.15
Commercial, 99% 150 lb bags. NY. 100 lb	1.85	: 1.85
For Dusting, 99% 100 lb bags. NY. 100 lb	1.95	: 2.50
Flowers, 100% 240 lb bbls. NY. 100 lb	3.25	: 3.90
Precipitated, 125 lb bbls. NY. lb	.15	: .17
Lac, 125 lb bbls. NY. lb	...	: .10
Sulfur Chloride, red, 100 lb drs. wks. lb	...	
150 lb drs. wks. lb	.05%	: .06
Yellow, 700 lb drs. wks. lb	...	: .07
150 lb drs. wks. lb	.04%	: .05
Sulfur Dioxide, 100 lb cyl. lb	.08	: .08%
Iodide, USP, VIII, 5 lb bot. lb	...	: 4.55
Sulfuric Ether, see Ether		
Sulfuryl Chloride, 600 lb drs. lb	.65	: .70
Sunac, liquid, 450 lb bbls. lb	.65	: .68
Stannous, 600 lb bbls. lb	10 1/2	: 11 1/2
Sumac, Smly, 100 lb bags. ton	120.00	: 155.00
Virginia, 150 lb bags. ton	55.00	: 60.00
Destructive, distilled bbls. gal	.68	: 70
TALC, Italian 220 lb bags NY. ton	40.00	: 50.00
Refined, white, bags. ton	50.00	: 55.00
French, 220 lb bags. NY. ton	30.00	: 35.00
Refined, white, bags. ton	38.00	: 45.00
Dom. crude, 100 lb bags. NY. ton	12.00	: 15.00
Refined, 100 lb bags. NY. ton	18.00	: 18.00
Pankago, ground, NY. unit	3.40	: 4.10
High grade f.o.b. Chicago. unit	3.00	: 8.25
St. Am. c.i.f. unit	3.80	: 4.10
Tapioca Flour, high grade. lb	.05%	: .06
Medium grade, bags. lb	.04%	: .05%
Low grade, bags. lb	.03	: .03%
High grade. ton	32.00	: 40.00
Tar, Coal Gas, Tin wks. gal	.86	: .88
Coke Oven, Tin, wks. gal	.07	: .08
Water Gas, Tin, wks. gal	.06	: .08
Tar, kiln-burnt. bbl	...	: 14.00
Retort. bbl	...	: 14.00
Tartar Emetic, tech. 700 lb bbls. lb	.37	: .38
USP, 300 lb bbls. lb	.31	: .34
Terpin Hydrate, USP, 100 lb bags. lb	.45	: .47
Terpineol, CP, 1000 lb drums. lb	.38	: .40
Cans, 50 lb. lb	.42	: .45
Imported, cans 25 lb. lb	.43	: .46
Terpinyl Acetate, 25 lb cans. lb	1.65	: 1.85
Terra Alba, No. 1, 300 lb bbls. lb	1.85	: 1.90
No. 2, bbls. 100 lb	1.25	: 1.35
Fetralene, 50 gal drs. wks. gal	...	: 1.45
Tneobromine Alk., 5 lb cans. lb	3.60	: 3.75
Sod. Salicylate, 1 lb bot. lb	...	: 2.92
Thiocarbanilid, 170 lb bbls. lb	.24	: .26
Phymol, USP, 25 lb tins. lb	3.85	: 4.00
TIN, metal Straits NY. lb	...	: .55%
Iodine, 5lb boxes. lb	7.25	: 7.50
American Standard, NY. 100 lb. lb	...	: 55.40
99% American, NY. 100 lb	...	: 94.50
Bichloride, 50% soln. 100 lb bbls. wks.	...	
Crystals, 500 lb bbls. wks. lb	...	: .38 1/2
100 lb bags. wks. lb	...	: .39
Oxide, 300 lb bbls. wks. lb	...	: .57
100 lb bags. wks. lb	...	: .59
Tetrachloride, 100 lb drs. wks. lb	...	: .31 1/2
Titanium Oxide, bbls. wks. lb	.13	: .14
Tolidine, 350 lb bbls. lb	.90	: .94
Sulfate, 350 lb bbls. lb	.80	: .85
Toluene, 8000 gal tank cars wks. gal	...	: .26
110 gal drs. wks. gal	...	: .37
Tolidine, Mixed, 300 lb drs. wks. lb	.31	: .32
Toluen, para red. lb	.90	: 1.00
Tolidine. lb	1.80	: 1.90
Triacetin, 50 gal drs. wks. lb	...	: .37 1/2
Tri bromphenol, 100 lb cases. lb	...	: 1.00
Triomyl, see Sulfonmethylmethane		
Triphenylguanidine. lb	.69	: .73
Triphenyl Phosphate, 450 lb bbls. lb	...	: .55

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Trippoli, 500 lb. bbls	100 lb.	2.50	: 3.00
Tungsten, NY	Wt. unit	11.25	: 11.50
Turner Red Oil, bbls single	b.	.11	: .12
double	b.	.16	: .18
Turpentine, see Spirits Turpentine			
Wood, see Wood Turpentine			
Ultramarine Blue	b.	.15	: .35
UREA, pure, 112 lb. cases	b.	.18	: .30
Valencia Cups, 30-31% tan	ton	37.00	: 38.00
Beard, 42% tan, bgs	ton	55.00	: 56.00
Mixture, 36% tan	ton	43.00	: 46.00
VANILLIN, USP, 500 lb. cans	cs		: 49%
Cans, 80 oz.	cs		: .60
Cans, 16 oz.	cs		: .61
Second Hand	cs	.47	: .50
Venetian Red	b.		: .08
Vermigil, see Copper Sulfate			
Vermilion, Amer. 100 lb. bags	b.	.85	: .40
English, bags	b.	1.40	: 1.45
Vesicular Sulphate, 1 oz. vial	cs		: 1.85
Hydrochloride, 1 oz. vial	cs		: 1.85
Vernonal, see Acid Diethylbarbituric			
Vulcone, 250 lb. bbls, wh.	b.		: .84
Wattle Bark, bgs	ton	44.00	: 47.00
WHITE LEAD, see lead, white			
White Precipitate, see mercury			
Whiting, 200 lb. bags, c/l whs. 100 lb.			: .90
Gilders, bags, NY	100 lb.	1.00	: 1.15
French bags, NY	ton		: 18.00
English, bags, NY	ton	21.00	: 22.00
Paris White	100 lb.	1.30	: 1.50
Witch Hazel Extract, 50 gal. bbls, gal.	1.05	: 1.10	
Wood Turpentine, stn. dist. bbls, gal.	.87%	: .90	
KYLINE, 3° dist. range, nitration			
110 gal. drn. NY	gal.		: .55
5° dist. range, 8000 gal. tanks			
wh.	gal.		: .40
110 gal. drn. wh.	gal.		: .45
10° dist. range, drums, whs. gal.			: .40
Tanks, wh.	gal.		: .35
Commercial, 110 gal. drn. whs. gal.			: .31
Tanks, wh.	gal.		: .26
Tyline, erode	b.		: .37
Refined	b.		: .42

YARA YARA, 1 lb. tins	b.	1.65	: 1.80
Yohimbin Hydrochloride, 1 oz. vial	cs	3.15	: 4.00
Mesair	cs		: 5.00
100 lb. bbls	b.		: .35
ZINC, METAL, high grade, slabs			
c/l NY	100 lb.		: 7.75
Common Slabs, c/l NY	100 lb.	7.40	: 7.45
Mosby	100 lb. bbls, NY		: .14
Ammonium Chloride, power, 400 lb.	bbls		
Carb. tech. bbls, NY	b.		: .07
Chloride, fused, 500 lb. drn. whs. b.			: .07
Drn. c/l whs.	b.		: .06
Granulated, 500 lb. bbls whs. b.			: .08
Imported, dr. NY	b.		: .08
Solution, 50% tanks whs. 100 lb.	b.		: 3.00
USP, 25 lb. jars	b.	.27	: .29
Cyanide, 100 lb. drn.	b.		: .41
Dust, 100 lb. tins, wh.	b.		: 10%
500 lb. bbls bags c/l whs. b.			: .09
500 lb. bbls, bags, c/l whs. b.			: 10%
Iodide, 5 lb. bbls	b.		: 5.25
Nitrate, 25 lb. jars	b.		: .10
Oxide, Amer. 300 lb. bbls, whs. b.			: .08
Oxide, Amer. 300 lb. bbls, whs. b.			: .08
French, 300 lb. bbls, whs. b.			: 12%
Bbl. c/l whs.	b.		: .09
Bags, c/l whs.	b.		: 10%
USP 100 lb. bbls, c/l whs.	b.		: 20
Ten lots, whs.	b.		: 19%
Imported, white seal, bbls	b.		: 12
Green seal, bbls	b.		: 10
USP 100 lb. bbls	b.		: 15%
Stearate, USP, 50 lb. bbls	b.	.20	: .21
Bassac	b.		: 17%
Sulfate, 400 lb. bbls, whs.	b.		: .08
Bbls, c/l whs.	b.		: .03
USP, 100 lb. bags	b.	.08	: .09
Sulfide, 500 lb. bbls	b.	.30	: .33
Sulfocarbonate, 100 lb. bags	b.	.30	: .32
wh.	b.		
Zirconium, oxide, pure	b.	1.25	: 1.75
Hemi-ref'd. bgs	b.	.45	: .50
Natural, bgs	b.	.08	: .10
	b.	.02%	: .08

Oils¹- Fats

Castor, No. 1, 400 lb. bbls	b.	.17	: .17
80 lb. cases	b.		: .18
No. 3, bbls	b.		: .16
Blown, 400 lb. bbls	b.		: .18
China Wood, spot, NY	b.		: .18
Tanks, spot, NY	b.		: .18
Combi. tanks	b.		: .18
Cod, oil	b.	.12	: .12
Coconut, Ceylon, 375 bbls, NY	b.		
8000 gal. tanks, NY	b.		
Cochin, 375 lb. bbls, NY	b.		: .11
Tanks, NY	b.		: .10
Manila, bbls, NY	b.		: .10
Tanks, Pacific Coast	b.		
Edible, bbls, NY	b.		: .12
Cod Newfoundland, 50 gal. bbls, gal.	b.	.62	: .65
Tanks, NY	b.		: .65
Cod Liver. see Cod Liver Oil under Chemicals			
Copra, bags	b.		: .05
Corn, ref., 375 lb. bbls, NY	b.		: .13
Crude, tanks mills	b.		: .09
Bible, NY	b.	.11	: .12
Castorseed, crude, ths, mill	b.		: .08
P. S. Y., 100 bbls, NY	b.		: .10
White, 100 bbls, lots, NY	b.		: .11
Winter yellow, 100 bbls, NY	b.		: .13
Degras, Amer. 50 gal. bbls, NY	b.		: .04
English, Light, bbls, NY	b.		: .05
Brown, bbls, NY	b.		: .04
Light brown, bbls, NY	b.		: .04
Dark, bbls, NY	b.		: .04
Neutral, bbls, NY	b.		: .07
Moellen, bbls, NY	b.		: .06
Greases, choice white, bbls, NY	b.		: .12
Yellow	b.		: .04
Brown	b.		: .04
House	b.		: .04
Bone naphtha	b.		: .07

Hexamethylenamine, U. S. P. Benzoate of Soda

Formaldehyde, U. S. P. Benzaldehyde

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Oils - Fats

Herring, Tanks, Coast	gal	.40	nom.	Peanut, refined, bbls., NY	b	.15	: .16
Bone, 375 lb bbls., NY	b	.10	nom.	Crude, bbls., NY	b	...	: .10%
Lard, prime steam, bbls.	b	...	.17%	Perilla, bbls., NY	b	...	: .10%
Compound, bbls.	b	...	.13%	Poppyseed, bbls., NY	gal	2.25	: 2.50
ABO OIL, Edible, prime	b	...	.19%	Rapeseed, refined, bbls., NY	gal	.99	: 1.00
Off prime, bbls.	b	...	.14%	Blown, bbls., NY	gal	...	: 1.15
Extra, bbls.	b	...	.13%	Red OIL, distilled, bbls.	b	.11%	: .12%
Extra, No. 1 bbls.	b	...	.12%	Saponified, bbls.	b	.11%	: .12%
No. 1 bbls.	b	...	.12%	Tanks	b	...	: .10%
No. 2 bbls.	b	...	.12%	Salmon, 8000 gal. tins, Coast	gal	.50	: nom.
JINSEES, raw c/l bbls, spot.	gal	...	1.08	Sesame, edible, yellow, bbls.	b	.13	: .13%
Five bbls, raw	gal	...	1.11	White	b	14%	: .15
Tank, raw	gal	...	1.02	Soy OIL, bbls., NY	gal	...	: .40
Balled, 5 bbl. lots.	gal	...	1.14	SOYA BEAN, crude, tins, Coast	b	...	: .10%
Double Balled, 5 bbls.	gal	...	1.15	Crude, tins, NY	b	...	: .11%
June-Aug. c/l wks	gal	...	1.08	Crude, bbls., NY	b	12%	: .13
Imported, bbls., NY	gal	...	1.04	Refined, bbls., NY	b	...	: .14%
Tanks, NY	gal	...	...	Sperm, 38° c.t. blched. bbls., NY	gal	.89	: .91
Mehaden, crude, bbls., whs.	gal	...	nom.	45° cold test, blched. bbls., NY	gal	.87	: .89
Crude, tanks, Balt.	gal	...	nom.	STEARIC ACID, s.p. 200 lb bags	b	...	: .14%
Light, pressed, bbls., NY	gal	78	.81	Double pressed, bags	b	14%	: .15%
Yellow, bleached, bbls., NY	gal	.81	.82	Double pressed, bags, saponified	b	14%	: .15%
Extra bleached, bbls., NY	gal	.82	.85	Triple pressed, bgs., distilled	b	16%	: .17%
Blown, bbls., NY	b	...	.11	Triple pressed, bgs., saponified	b	16%	: .17%
Neufastol, 20° c.t. bbls., NY	b	...	.17%	Stearine, oleo bbls.	b	...	: .12
Pure, bbls., NY	b	...	.14%	Tallow, edible tallow	b	09%	: .10
Extra, bbls., NY	b	...	.12%	City, extra loose	b	...	: .08%
No. 1 bbls., NY	b	...	.12%	Tallow Oil, acidized tins, NY	b	...	: .11
No. 0, No. 1 bbls., NY	b	13%	.14	Bbls. c/l NY	b	...	: .12%
No. 2 bbls., NY	b	12%	.12%	Walnut	b	...	—
No. 3 bbls., NY	b	11	.11%	Whale, fat winter bbls., NY	gal	...	: .79
OLIVE, denatured, bbls., NY	gal	1.15	.12	Blended, winter bbls., NY	gal	...	: .81
White bbls., NY	gal	2.00	.10	Extra, Bldh., bbls., NY	gal	...	: .93
Arco, bbls., NY	b	.085%	.08%	Crude, No. 1, tanks Coast	gal	...	—
Shipments	b	...	.08%	Crude, No. 2, tanks Coast	gal	...	—
Palm Lager, 1500 lb cans	b09%	Crude, No. 3, tanks Coast	gal	...	—
Niger, cans	b09%	—	—	—	—
Some old Calisher, cans	b09%	—	—	—	—
Palm Kernel, bbl. NY	b09%	—	—	—	—
	b10%	—	—	—	—

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Crude Drugs

Acetoxides Gum, red, see Yucca	b	.10	: .11
AGNITE LEAVES, bals.	b	.22	: .25
Root, U.S.P. bags	b	1.40	: 1.50
Agar Agar, 1, 200 lb bals.	b	...	: 1.40
No. 2, bals.	b	1.20	: 1.25
No. 3, bals.	b	2.75	: 3.00
Agaric, white, cases	b	3.25	: 3.40
Granulated, boxes	b	.60	: .65
Almonds, bitter, boxes	b	.57	: .60
Sweet, boxes	b	.24	: .25
Meal, barrels, boxes	b	.40	: .41
Alstroemeria Root, bags	b	.08%	: .10
Aloe, Barbados, 120 lb bbls.	b	.70	: .75
Cape, 400 lb cases	b	.08%	: .09
Curacao, 100 lb cases	b	.10	: .11
Scorzonera, whole, 300 lb cs.	b	...	: .35
Select, cases, b.	b	.26	: .28
Althea Root, Cuts, cs.	b	.55	: .65
Whole	b	.25	: .30
Ambregris, black boxes	b	8.00	: 10.00
Grey, boxes	b	...	: 26.00
Ammoniac, tears, bags	b	.50	: .55
Angelica Root, dom. bags	b	.13	: .14
Angustura Root, bags	b	.16	: .20
Anise, Levant, bags	b	.14%	: .15
Russian bags	b	.13	: .14
Star cases	b	1.25%	: .13
Spanish, bags	b	.15	: .15%
Amato Seed, 200 lb bags	b	.15	: .18
ANARIC GUM	b	—	—
White, No. 1, 200 lb bags	b	.24	: .25
Seconds, 250 lb bags	b	.22	: .23
Roots, amber, 200 lbs. bbls.	b	.18%	: .14
Powd., U.S.P., 300 lb bbls.	b	.91	: .22
Areca Nuts 150 lb bags	b	.15	: .19
Powd., 200 lb bbls.	b	.20	: .21
Argols, Red, grd. see Chemicals	b	—	—
Arnica Flowers, bales	b	.11	: .14
Root, bags	b	.28	: .30

Crude Drugs

Arrowroot, Amer. Powd. bbls.	D	.10	: .10%	Cassia Batavia, No. 3 bales	D	.10	: .10%	Elecampane Root, bags	D	.09	: .10
Bermuda, bbls.	D	.13	: .14	China, select, rolls, cases	D	.06%	: .06%	Elder Flowers, bags	D	.10	: .13
St. Vincent, powd. bbls.	D	.13	: .14	Broken, bales	D	.06%	: .06%	Zeleni Gum, 80 lb cases	D	.12%	: .13%
Asafetida, USP, 250 lb cases	D	.26	: .27	Buds, cases	D	.20	: .21	Eim Bark, select 5 lb bundles cases	D	.26	: .27
Food, 50 lb bbls.	D	.40	: .42	Cassia Fistula, baskets	D	.09	: .11	Grinding, bags	D	.16	: .17
BALM GILEAD BUDS, bags	D	.40	: .43	Castile Soap, USP, powd., 200 lb	D	.30	: .32	Powdered, bbls.	D	.23	: .25
Balmy Herbs, bales	D	.10	: .14	Caster Beans, bags	D	.05	: .05%	ERGOT, 150 200 lb bags	D	.50	: .54
BALSAMS				Castorum, 1 lb bot.	D	...	: 4.00	Eucalyptus Leaves, bales	D	.05%	: .04
Copalina, Para, 80 lb cs.	D	.54	: .55	Catechu Gum, bags	D	.11	: .13	Euphorbia Pilulifera Herb, bags	D	.09	: .09%
South American, 80 lb cs.	D	.58	: .60	Catnip Herb, bales	D	.23	: .26	Zophorium Gum, cases	D	.27	: nom
Fir Canada, case	gal	11.00	: 12.00	Celery Seed, bales	D	.26%	: .27%	Powdered boxes	D	.28	: .30
Oregon, bale, case	gal	1.00	: 1.20	Ceroid Wax, white, bags	D	.10%	: .20	Fennel Seed, French, bags	D	.09	: .10
Peru, 120 lb cases	D	.85	: 1.90	Yellow, 200 lb bags	D	.09	: .10	German, bags	D	.14	: .18
Tolu, 120 lb cases	D	1.45	: 1.55	CHAMOMILE FLOWERS, Roman				Indian, bags	D	.08%	: .09
Bamboo Brier Root, bags	D	.05%	: .06	Cases bales	D	.17	: .18	Penngreek Seed, 200 lb bags	D	.05	: .05%
Barberry Bark, tree bales	D	.13	: .15	Hung, cases bales	D	.09	: .10	Fish Berries, 100-125 lb bags	D	.08	: .08%
Root, bags	D	.35	: .37	Charcoal, Willow, powd. bbls.	D	.05%	: .06%	Flax Seed, whole, 180 lb bbls.	ea	15.00	: 15.05
Bayberry Bark, bales	D	.10	: .12	Wood, powd. bbls.	D	.04	: .05	Ground, 180 lb bbls.	D	.08	: .08%
Wax, bale	D	.21	: .22	Castor Bark, bags	D	.07	: .08	Fringe Tree Bark, bags	D	.25	: .28
Belladonna Leaves, bales	D	.25	: .27	Herb, bales	D	.06	: .06	Fumigating Pastilles Black 1 lb			
Root, bags	D	.15	: .18	Chicle Gum, bags	D	.85	: .90	Red, 1 lb boxes	D	...	: .18
Bees Wax, white cases	D	.52%	: .54%	Chiretta, bales	D	.07	: .10	GALANGAL ROOT, bags	D	.09	: .10
Yellow, refined, cases	D	.42	: .46	Cinchona Bark, red quills bales	D	.75	: .80	Galbanum Gum, cases	D	.80	: .85
Crude bags	D	.39	: .41	Broken, bales	D	.28	: .35	Gambier Gum, bags	D	.16	: .17
Benzoin Gum, Sumat., bales	D	1.30	: 1.85	Cinnamon, Ceylon, No. 1 bales	D	.41	: .42	Gamboge Gum, 160 lb cases	D	.85	: .87
Sumatra, 50 lb boxes	D	.24	: .25	No. 2, bales	D	.38	: .39	Powdered, cases	D	.95	: 1.00
Berberis Aquifolium Root, bags	D	.13	: .14	No. 3, bales	D	.37	: .38	Gelsemium Root, bale	D	.12	: .13
Beth Root, bags	D	.24	: .26	Civet, Abyssin horns	cs	1.55	: 2.00	Gentian Root, bags	D	.08%	: .09
Bitter Root, 100 lb bags	D	.40	: .43	Clove Tone bags	D	.20	: .22	Ground, bale, boxes	D	.12	: .13
Blackhawk Bark, root, bales	D	.33	: .34	Cloves, Zanzibar, 135 lb bales	D	.24	: .24 1/2	Powdered boxes	D	.12	: .13
Tree, bales	D	.15	: .17	Amboyna, bales	D	.42	: .44	Ginger African, bags	D	.15%	: .15%
Blood Root, bags	D	.13	: .15	Penang, bales	D	.40	: .42	Jamaica, grinding, bags bbls.	D	.18	: .19
Ringlet, bags	D	.27	: .30	Chinchona, Black	D	.51	: .53	Japan, bags	D	.21	: nom
Bolfo Leaves, bales	D	.15	: .20	Socotra Leaves, Frangipani, bags	D	...		Cochin, ABC & Lemon, bags	D	.21	: .22
Boswellia, Herb, bales	D	.09	: .11	Trunillo, bags	D	...		Ginseng Root, cultivated, bags	D	8.00	: 10.00
Leaves, bales	D	.09	: .11	Cochlearia Root, Black bags	D	.06%	: .15	Northwestern Wild, bags	D	12.00	: 14.00
Borage Flowers, bales	D	.18	: .20	Stone bags	D	.10	: .11	Southern Wild, bags	D	8.50	: 10.00
Bryonia Root, bags	D	.09	: .16	Pulp, USP, bags	D	.23	: .25	Golden Seal Root, bags	D	5.10	: 5.15
BLACK Indian Root, 100 lb bags	D	.40	: .43	Colchicum Root, bags	D	.08	: .09	Powdered boxes	D	.525	: .540
halves				Seed, bags	D	.16	: .17	Grains of Paradise, bags	D	.13	: .14
Long halves	D	.65	: .70	Pulp	D	.22	: .25	Grindelia Robusta Herb, bales	D	.09	: .09%
Buckthorn Leaves, bales	D	.11	: .12	Coltsfoot Leaves, bags	D	.05	: .06	Juniper Gum, 80 lb cases powd.	D	.45	: .55
Buckthorn Bark, bags	D	.07	: .08	Cordyceps Root, bags	D	.13	: .14	Guarana, tins, cases	D	.85	: .90
Burdock Root, bags	D	.10	: .13	Cordurango Bark, bags	D	.12%	: .13	GUM, see Arabic Gum, etc.			
Burgundy Pitch, dom., 110 lb stands				Conium Herb, bags	D	.12	: .14	HELLEBORE ROOT,			
Gross for net				Conium Seed, bags	D	.10	: .11	Black, bbls.	D	.08	: .10
Imported	D	.10	: .11	Copalina Balsam Para, see Balsams				Powdered	D	.15	: .17
Calabash Beans, bags	D	...		Crinum Gum, cases	D	.12	: .19	White, Powd., 250 lb bbls.	D	.12	: .13
Calamus Root, bleached, cases	D	.39	: .40	Cortaderia Seed, bags	D	.06	: .06%	Habenaria Root, (unicorn false)			
Unbleached, bags	D	.06%	: .07	Croton Silk bales	D	.05%	: .05%	bags	D	.67	: .69
Calendula Petals, imp., bales	D	.28	: .30	Cotton Root Bark, bales	D	...	: .13	Hemp Seed, Manchurian, bags	D	.03%	: .03%
Calisaya Bark, bale powd.	D	.30	: .31	Cowhage, oz. tins	D	...	: .65	Chilean, bags	D	.04	: .04%
Camphor, see Chemicals				Tramp Bark, so-called bales	D	.06%	: .07	Henbane Leaves, bales, USP	D	.27	: .28
Canary Seed, Morocco bags	D	.07%	: .08%	True, bags	D	.30	: .32	No assay	D	.24	: .25
Spanish bags	D	.08%	: .09	Cranesbill Root, bags	D	.09	: .10	Jenna Leaves, bales	D	.08%	: .10
South American, bags	D	.07%	: .07%	Culver's Root, bags	D	.19	: .20	Powdered	D	.12	: .14
Candellilla Wax, bags	D	.30	: .33	Cuniferous, Levant bags	D	.14%	: .15	Honey, Calif. 120 lb cases	D	.11	: .12
Canella Alba Bark, bales	D	.50	: .52	Malta, bags	D	.13%	: .14	Horn, NY prime bale	D	.25	: .27
Cannabis, true Imp. bags	D	...		Morocco, bags	D	...		Horehound Herb, bales	D	.09	: .10
American (no amary) bales	D	...		Witchhazel Roots, Trieste, straps	D	.13%	: .14	Horse Nettle, Berries, bags	D	.35	: .38
USP,	D	.46	: .60	Jewelers large, straps	D	...	: .30	Honeysuckle, bags	D	...	: .15
Cantharide, Chinese cases	D	.95	: 1.00	Small, straps	D	...	: .25	Hydrangea Root, bale	D	...	: .10
Powdered bags	D	1.15	: 1.20	French, straps	D	.13%	: .14	India Gum, see Karaya			
Russian, cases	D	.80	: .85	Powdered, boxes	D	.08	: .09	INSECT FLOWERS, open whole			
Powdered, boxes	D	.95	: 1.05	Broken, boxes	D	...	: .07	Bales	D	.34	: .38
Caraway Seed, African bags	D	.07%	: .08%	French Tongue Leaves, bags	D	.19	: .20	Closed, whole bales	D	.36	: .38
Dutch, 11 lb bags	D	.08%	: .08%	Levisticum Seed, bags	D	.04%	: .05	Powdered, pure 200 lb bbls	D	.37	: .40
Cardamom, bleached, cases	D	.270	: 3.10	Malva Seed, bags	D	.14%	: .15	200 lb bbls.	D	.30	: .31
Decorritated, cases	D	.240	: 2.60	Melissa Seed, bags	D	.13%	: .14	Specie Root, Cartagena, bags	D	1.95	: 2.05
Green, grinding, bags	D	1.00	: 1.70	Myrrh Seed, bags	D	...		Powdered, 200 lb bbls, bx	D	2.30	: 2.40
Jarauha Wax, Flor. bags	D	.39	: .40	Opium Seed, bags	D	.12%	: .13%	Rio Whole, bale	D	1.90	: 1.95
No. 1, yellow bags	D	.37	: .38	Peruvian Bark, bags	D	.08%	: .09	Powdered, 200 lb bbls	D	2.25	: 2.30
No. 2, N Country bags	D	.31	: .34	Poppy Seed, bags	D	.04%	: .05	Isinglass American, 130 lb cs.	D	.75	: .80
No. 3, N Country bags	D	.28	: .28 1/2	Quassia Seed, bags	D	.05%	: .05%	Brown (Belga) bx, rms.	D	4.00	: 4.50
No. 3, chalky bags	D	.27 1/2	: .28	Cleaved, bags	D	.08%	: .08%	Iaborandi Leaves, bales	D	.10	: .16
Cascara Amarga, 150 lb bales	D	1.25	: 1.50	American, bags	D	.08%	: .08%	Tulip Root, whole, 150 lb bags	D	.29	: .35
So-called bales				Broken, bags	D	...	: .07	Powdered, USP, 250 lb bbls	D	.84	: .88
Cascara Sagrada, bales				Dogrose Root, USP, cut bags	D	.12	: .13	Japan Wax, White, bags	D	.16	: .18%
1920-22 bark	D	.26	: .28	Tragacanth, Black, mass cases	D	.70	: .75	John's Wort, White, bags	D	...	
1922 bark	D	.21	: .24	Red, Reed, boxes	D	.85	: .90	Juniper Berries, 125 lb bags	D	.05	: .08
1924 bark	D	.14	: .15	ECHINACEA ROOT, bags	D	.29	: .32	KAMALA, USP, bags	D	1.00	: 1.05
1925 bark	D	.12%	: .13				Karaya Gum, powdered, bbls.	D	.08%	: .10	
Cavilla Bark, quilla, holes	D	...									
Writings, bals.	D	...									
Cassia Batavia, No. 1 bales	D	.11	: .11 1/2								
Shortstick, bales	D	.10	: .10 1/2								

Crude Drugs

Bam. Gum No. 1	lb .62	.70	Marjoram Leaves, French, bales	lb .36	.37	Opium, Powdered, U.S.P., cans	lb 13.00	: 14.00
Box Kava Root, bags	lb .18	.19	Chilian, bales	lb 24 1/2	.25	Orange Flowers, cases	lb .25	: 1.25
Box Gum, black cases	lb .55	.60	Mastic Gum, 120 lb cans	lb .56	.60	orange Peel, bitter, bags	lb .07 1/2	: .08
Box Nut, 150 lb bags	lb .04 1/2	.05	Matio Leaves, bales	lb .14	.15	Sweet, bags	lb .11	: 1.1 1/2
Box Flowers, bags	lb 1.50	1.75	Mezereon Bark, bags	lb .11	.12	ORRIS ROOT , Florentine bold bags	lb .09	: .10
LADY SLIPPER ROOT, bags	lb .55	.60	Millet Seed, dom, yellow bags	lb .03 1/2	.04	Powdered, 200 lb bbls	lb .11 1/2	: .13
Larch Sap, bags	lb 4.00	6.25	Montan Wax, crude bags	lb .06 1/2	.07	Verona, bags	lb .08	: .10
Lavender, bags	lb .00	.11	Bleached	lb .00		Powdered, 200 lb bbls	lb .11	: .12
Leaves, Greek, bags	lb .04 1/2	.05 1/2	Moss, Iceland, bales	lb .08 1/2	.10	Fingers, cans	lb .58	: .60
Italian bales	lb .04 1/2	.05	Irish, bleached, bales	lb .09	.11	Ozokerite Wax, brown hard bags	lb .24	: .25
American, bales	lb .25	.35	Select, bags	lb .12	.13	Green, hard bags	lb .26	: .29
Lavender Flowers, ordinary	lb .22	.24	Mullein Flowers, tins	lb .35	.90	Refined, yellow, bags	lb .	: .37
Selected	lb .30	.38	Musk, pods, Carbadine, tins	oz 16.00	17.00	PAPRIKA, bags	lb .18	: .24 1/2
Levistic tubs	Per 100	3.20	Tonquin	oz 22.00	25.00	Hungarian	lb .25	: .25 1/2
Lemon Peel, bags	lb .08 1/2	.09	Grain Cab.	oz 25.00	26.00	Pereira Brava Root, bags	lb .11	: .12
Lion's Root, Russian, whole	lb .03	.04	Tonquin	oz 35.00	38.00	Parsley Seed, bags	lb .15	: .17
Spanish, natural bales	lb .07	.08	Synthetic, see Chemicals		Patchouli, Leaves, bales	lb .19	: .20	
Powdered, bbls	lb .12	.13	Musk Root, Russia, bags	lb 1.90	.250	Peltory Root, bales	lb .19	: .20
Selected, 2 & 5 lb bundles	lb .11	.16	Mustard Seed, Bari brown bags	lb .12	.12 1/2	Pennyroyal	lb .07	: .10
Cutting, 125 lb bags	lb .04 1/2	.07	Romneya, brown	lb .08 1/2	.09	Pepper, black, Sling bags	lb .14	: .14 1/2
Turkia, 150 lb bales	lb .03	.03 1/2	California, brown	lb .11	.11 1/2	White, bags	lb .22	: .22 1/2
Lime Juice, clarified bbls	gal .05	.06	Yellow	lb .	.11 1/2	Alley, bags	lb .14 1/2	: .14 1/2
Linden Flowers with leaves, bales	lb .11	.11 1/2	Chinese yellow	lb .05 1/2	.06 1/2	Lumpong, bags	lb .14	: .14 1/2
Without Leaves, bales	lb .19	.20	English, yellow	lb .09	.09 1/2	Tellecherry, bags	lb .14 1/2	: .15
Lobelia Herb, bales	lb .45	.48	Dutch, yellow	lb .08 1/2	.09 1/2	Muntlock, bags	lb .23	: .23 1/2
Lobelia Seed, bags	lb .62	.65	Danish, yellow	lb .08 1/2	.09	Red Chillies, Japan No. 1, tgs	lb .21	: .21 1/2
Lungs Root, Imported, bags	lb .20	.25	Myrrh Gum, select, 200 lb cs	lb .25	.28	Mombassa, bags	lb .09	: .09 1/2
Lupulin, N.F. tins	lb 1.55	1.60	Sorts, cases	lb .20	.24	Taly, bags	lb .10	: .11
Bands, No. 1 cases	lb 1.00	1.05	NUTGUM, Chinese, bags	lb .17	.18	Capaicium, Romby, bags	lb .11	: .11 1/2
Ipomoea, 88 lb cs	lb .85	.90	Leppi, bags	lb .20	.22	Peppermint Leaves, Imp. bales	lb .18	: .22
NALE, Slaun, No. 1	lb 1.03	1.04	Nutmegs, 110 lb cases	lb .52	.53	Cuts, bales	lb .12	: .14
Bands, No. 1 cases	lb 1.03	1.05	Grinding, bags	lb .48	.50	Domestic leaf	lb .18	: .19
Banana, No. 2, cases	lb .88	.90	Nux Vomica Buttons, bags	lb .05 1/2	.06	Peru Balsam, see Balsams	lb .17	: .19
West India, cases	lb .35	.37	Powdered, 200 lb bbls	lb .09	.12	Michi Leaves, bags	lb .08 1/2	: .09
Main Flowers, blue bales	lb .34	.37	OAK BARK, red bags	lb .05	.06	Pimento Select, bags	lb .72	: .75
Black, bales	lb .55	.60	White, bags	lb .06	.07	Pitch, Burgundy, see Burgundy Pitch	lb .	
Maca Root, bales	lb .17	.22	Olibanum Gum, sift 280 lb cases	lb .12	.12 1/2	Plantain Leaves, bales	lb .	: .12
Maca, large, flake, cases	lb .65	.70	No 1, all white 280 lb cases	lb .22	.23	Pleurisy Root, bags	lb .	: .19
Small Flake, cases	lb .36	.40	No. 2, 280 lb cases	lb .12	.14	Poke Berries, bags	lb .15	: .17
Seeds, cases	lb .30		Opium, gum, U.S.P. cases	lb 12.00	13.00	Pomegranate Bark, of root bags	lb .	: .30
Mandrake Root bags	lb .10	.12	Granular, cans	lb 13.00	14.00	Of Fruit, bags	lb .	: .30
Marrow Leaves, German, bales	lb .27	.28			Of Tree	lb .	: .30	
African, bales	lb .				Poncirus Flowers, red bags	lb .25	: .27	

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Crude Drugs

Arrowroot, Amer. Powd. bbls.	.10	.10%	Cassia Batavia, No. 3 bales	.10	.10%	Elecampane Root, bags	.09	.10
Bermuda, bals.	.13	...	China, select, rolls, cases	.06%	.06%	Elder Flowers, bags	.10	.13
St. Vincent, powd. bals.	.13	.14	Broken, bales	.06%	.06%	Zizani Gum, 89 lb cases	.12%	.13%
Anafetida, USP, 250 lb cases	.26	.27	Buds, cases	.20	.21	Elm Bark, select 5 lb bundles cases	.26	.27
Powd., 50 lb bxs.	.40	.42	Cassia Fistula, baskets	.09	.11	Grinding, bags	.16	.17
BALM GILEAD BUDS, bags	.40	.43	Castile Soap, USP, powd., 200 lb	.30	.32	Powdered, bbls.	.23	.25
Balmum Herbs, bales14	bals.	.03	.05	ERGOT, 150 200 lb bags	.50	.54
BALSAMS			Caster Beans, bags	.03	.05	Eucalyptus Leaves, bales	.05%	.06
Copalina, Para, 80 lb cs.	.54	.55	Castorum, 1 lb bot.	...		Euphorbia Millifera Herb, bags	.09	.09
South American, 80 lb cs.	.58	.60	Catechu Gum, bags	.11	.12	Zaphorium Gum, cases	.27	nom
Fir Canada, cases	gal 11.00	12.00	Catnip Herb, bales	.23	.26	Powdered boxes	.28	.30
Oregon, bals., cases	1.00	1.20	Celery Seed, bales	.26%	.27%	Fennel Seed, French, bags	.09	.10
Peru, 120 lb cases	1.85	1.90	Ceratin Wax, white, bags	.10%	.20	German, bags	.14	.16
Tolu, 120 lb cases	1.45	1.55	Yellow, 200 lb bags	.09	.10	Indian, bags	.08%	.09
Bamboo Brier Root, bags	...		CHAMOMILE FLOWERS, Roman			Jennink Greek, 200 lb bags	.05	.05%
Barberry Root, tree bales	.13	.15	case bales	.17	.18	Fish Berries, 100-125 lb bags	.08	.08%
Root, bags	.35	.37	Hung, cases bales	.09	.10	Flax Seed, whole, 180 lb bbls.	cs 15.00	15.05
Bayberry Bark, bales	.10	.12	Charcoal, Willow, powd. bbls.	.05%	.06%	Ground, 180 lb bbls.	.08	.08%
Wax, bbls.	.21	.23	Wood, powd. bbls.	.04	.05	Pine Tree Bark, bags	.25	.28
Belladonna Leaves, bales	.25	.27	Centaur Bark, bags	.07	.08	Fumigating Pastilles Black, 1 lb		
Root, bags	.15	.18	Herb, bales	.06	.08	boxes		.18
Bee Wax, white cases	...		Chicle Gum, bags	.85	.90	Red, 1 lb boxes		.20
Yellow, refined, cases	.42	.46	Chiretta, bales	.07	.10	GALANGAL ROOT, bags	.09	.10
Crude bags	.39	.41	Cinchona Bark, red quilla bales	.75	.80	Galbanum Gum, case	.80	.85
Bennison Gum, Siam, bales	1.30	1.85	Broken, bales	.28	.35	Gambier Gum, bags	.16	.17
Sumatra, 80 lb bales	.24	.25	Cinnamon, Ceylon, No. 1 bales	.41	.42	Gamboge Gum, 180 lb cases	.85	.87
Berberis Aquifolium Root, bags	.13	.14	No. 2, bales	.38	.39	Powdered, cases	.95	1.00
Beth Root, bags	.24	.26	No. 3, bales	.37	.38	Gelsemium Root, bage	.12	.13
Bitter Root, 100 lb bags	.40	.43	Civet, Abyssin born.	.25	.26	Gentian Root, bags	.08%	.09
Blackhawk Bark, root, bales	.33	.34	Clover Tree bags	.20	.29	Ground, bbls., boxes	.12	.13
Tree, bales	.15	.17	Cloves, Zanzibar, 135 lb bales	.24	.24%	Powdered, boxes	.12	.13
Blood Root, bags	.13	.15	Ambonyas, bales	.42	.44	Ginger, African, bags	.15%	.15%
Bladder Root, bags	.27	.30	Penang, bales	.40	.42	Jamaica, grinding, bags bbls.	.18	.19
Bolido Leaves, bales	.15	.20	Cochinchin, Black	.51	.53	Japan, bags	.21	nom
Bonneri Herb, bales	.09	.11	Coquelin, Black	.22	.25	Cochin, ABC & Lemon, bags	.21	.22
Leaves, bales	.09	.11	Cora Leaves, Nicotiana bags	...		Ginseng Root, cultivated, bags	.80	10.00
Borage Flowers, bales	...		Truxilla, bags	...		Southern Wild, bags	.80	14.00
Syrnora Root, bags	.09	.10	Cohosh Root, Black bags	.06%	.15	Golden Seal Root, bags	.5.10	5.15
Black Indian Root, 100 lb bags	.40	.43	Blue, bags	.10	.11	Powdered boxes	.5.25	5.40
BUCHU LEAVES, short, 250 lb			Pulp, USP, bales	.28	.25	Grain of Paradise, bags	.13	.14
bales	.65	.70	Colchicum Root, bags	.08	.09	Grindelia Robusta Herb, bales	.09	.09%
Long bales	.66	.74	Seed, bags	.16	.17	Juniper Gum, 80 lb cases powd.	.45	.45
Buckbean Leaves, bales	.11	.12	Cleavnth, apples, cases, bales	.22	.25	Guarana, tiny, cases	.85	.90
Buckthorn Bark, bags	.07	.08	Colombia Root, whole bags	.08%	.06			
Burdock Root, bags	...		Coltsfoot Leaves, bags	.05	.06			
Burundy Pitch, dom, 110 lb stands	...		Comfrey Root, bags	.13	.14			
Gross for net	...		Condurango Bark, bags	.12%	.13			
Imported	.10	.11	Conium Herb, bags	.12	.14			
Calabar Beans, bags	...		Conium Seed, bags	.10	.11			
Calamus Root, bleached, cases	.33	...	Copalina Balsam Para, see Balsams	...				
Unbleached, bags	.06%	.07	Coal Gum	.12	.19			
Calendula Ptrial, imp. bales	.28	...	Coriander Seed, Bombay, bags	.06	.06%			
Calisaya Bark, bals. powd	.30	.31	Morocco, bags	.05%	.05%			
Camphor, see Chemicals			Bleached, bags	.09	.09%			
Canary Seed, Morocco bags	...		Corn Silk bales	.05%	.06%			
Spanish bags	.08%	.09	Cotton Root Bark, bales	...				
South American, bags	.07%	.07%	Downage, oz. tins	...				
Candellilla Wax, bags	.30	.38	Tramp Bark, so called bales	.06%	.07			
Canella Alba Bark, bales	.50	.52	True, bags	.30	.32			
Cannabis, true Imp. bags	...		Craneshell Root, bags	.09	.10			
Americana (no assay) bales	.96	...	CUBER BERRIES, XI bags	.65	.66			
USP,	.46	.60	Powdered, bags	.65	.67			
Cantharides, Chinese cases	.95	1.00	Culver Root, bags	.19	.20			
Powdered bags	1.15	1.20	Cumin Seed, Levant bags	.14%	.15			
Russian, cases	.80	.85	Malta, bags	.13%	.14			
Powdered, boxes	.95	1.05	Morocco, bags	...				
Caraway Seed, African, bags	...		Witchetty Bane, Trieste, straps	.18%	.14			
Dutch, 11 lb bags	.07%	.08	Jewelers large, straps	...				
Cardamom, bleached, cases	.27	3.10	Small, straps	...				
Decorated, cases	2.40	2.60	French, straps	.18%	.14			
Green, grinding, bags	1.60	1.70	Powdered, boxes	...				
Carnauba Wax, Flor. bags	.39	.40	French, straps	.08%	.14			
Powd.	.39	.40	Powdered, boxes	.08	.09			
No. 1, yellow bags	.37	.38	Broken, boxes	...				
No. 2, N Country bags	.31	.34	Tamar Gum, 125 lb cases	.27	.28			
No. 3, N Country bags	.28	.28%	Damiana Leaves, bales	...				
No. 3, chalky, bags	.27%	.28	Cleaned, bags	...				
Cascara Amura, 150 lb bales	1.25	1.40	Augwood Bark, Jamaica, bags	.08%	.08%			
So-called bales	.55	.60	American, bags	.07	.10			
Cascara Sagrada, bals.	...		Broken, boxes	...				
1920-22 bark	.36	.38	Digitaria Leaves, bales	.10	.11			
1922 bark	.31	.34	Dill Seed, bags	.05%	.05%			
1924 bark	.14%	.15	Cleaned, bags	...				
1925 bark	.12%	.13	Augwood Bark, Jamaica, bags	.08%	.08%			
Cassavilla Bark, emul. bales	...		American, bags	.07	.10			
Wings, bals.	...		Broken, boxes	...				
Cassia Batavia, No. 1 bales	.11	.11%	Tragacanth, 100 lb bags	.70	.74			
Shortstick, bales	.10	.10%	Reds, boxes	.85	.90			
ECHINACEA ROOT, bags	...		ECHINACEA ROOT, bags	.29	.32			

Crude Drugs

Bar. Gum No. 1	lb	.68	: .70	Marrow Leaves, French, bales	lb	.36	: .37	Opium, Powdered, USP, cans	lb	13.00	: 14.00
Iva Kava Root, bags	lb	.18	: .19	Chilian, bales	lb	24 1/2	: .25	Orange Flowers, cases	lb	.25	: 1.25
Iva Gum, black cases	lb	.55	: .60	Mastic Gum, 120 lb cans	lb	.56	: .60	Orange Peel, bitter, bags	lb	.07 1/2	: .08
Iva Nuts, 150 lb bags	lb	.04 1/2	: .05	Matico Leaves, bales	lb	.14	: .15	Sweet, bags	lb	.11	: .11 1/2
Ivone Flowers, bags	lb	1.50	: 1.75	Mezereon Bark, bags	lb	.11	: .12	OHRIS ROOT, Florentine bold bags	lb	.09	: .10
ADY SLIPPER ROOT, bags	lb	.55	: .60	Millet Seed, dom, yellow bags	lb	.03 1/2	: .04	Powdered, 200 lb bbls	lb	.11 1/2	: .13
Alarkpur Seed, bags	lb	4.00	: 6.25	Montan Wax, crude bags	lb	.06 1/2	: .07	Verona, bags	lb	.08	: .10
Amur Berries, bags	lb	.10	: .11	Bleached	lb	...	...	Fingers, cans	lb	.11	: .12
Leaves, Greek, bags	lb	.04 %	: .05 1/2	Moss, Iceland, bales	lb	.03 1/2	: .10	Ozokerite Wax, brown hard bags	lb	.24	: .25
Italian bales	lb	.04 1/2	: .05	Irish, bleached, bales	lb	.09	: .11	Green, hard bags	lb	.26	: .29
American, bales	lb	.25	: .35	Selected, bags	lb	.12	: .13	Refined, yellow, bags	lb	...	: .37
London Flowers, ordinary	lb	.23	: .24	Mullein Flowers, tins	lb	.85	: .90	PAPRIKA, bags	lb	.18	: .24 1/2
Selected	lb	.30	: .33	Musk, pods, Carbadine, tins	oz	16.00	: 17.00	Hungarian	lb	.25	: .25 1/2
Leather tube	Per 100	3.20	: 3.75	Tonquin	oz	22.00	: 25.00	Parera Brava Root, bags	lb	.11	: .12
Lemon Peel, bags	lb	.08 1/2	: .09	Grain Cab.	oz	25.00	: 26.00	Parley Seed, bags	lb	.15	: .17
Uvaria Root, Russian, whole	lb	.03	: .04	Tonquin	oz	35.00	: 38.00	Patchouli, Leaves, bales	lb	.19	: .20
Spanish, natural bales	lb	.07	: .08	Synthetic, see Chemicals	lb	...	...	Felitory Root, bales	lb	.19	: .20
Powdered, bbls	lb	.12	: .13	Mustard Root, Russias, bags	lb	1.90	: 2.50	Pennyroyal	lb	.07	: .10
Selected 2 & 5 lb bundles	lb	.11	: .16	Mustard Seed, Bari brown bags	lb	.12	: .12 1/2	Pepper, black, Sling, bags	lb	.14	: .14 1/2
Cutting, 2 & 5 lb bundles	lb	.11	: .16	Bombay, brown	lb	.08 1/2	: .09	White, bags	lb	.22	: .22 1/2
Peru, 150 lb bales	lb	.03	: .08 1/2	California, brown	lb	.11	: .11 1/2	Alley, bags	lb	.14 1/2	: .14 1/2
Life Everlasting Herbs, bales	lb	.05	: .06	Yellow	lb	...	...	Lampong, bags	lb	.14	: .14 1/2
Lime Juice, clarified bbls	gal	.60	: .65	Chinese, yellow	lb	.05 1/2	: .06 1/2	Tulchererry, bags	lb	.14 1/2	: .15
London Flowers with leaves, bales	lb	.11	: .11 1/2	English, yellow	lb	.09	: .09 1/2	Muntock, bags	lb	.23	: .23 1/2
Without Leaves, bales	lb	.19	: .20	Dutch, yellow	lb	.08 1/2	: .09 1/2	Red Chillies, Japan No. 1, lbs	lb	.21	: .21 1/2
Stellaria Herb, bales	lb	.45	: .48	Danish, yellow	lb	.08 1/2	: .09	Mombassa, bags	lb	.09	: .09 1/2
Stellaria Seed, bags	lb	.62	: .65	Myrrh Gum, select, 200 lb cs.	lb	.25	: .28	Taly, bags	lb	.10	: .11
Loose Root, Imported, bags	lb	.20	: .25	Sorts, cases	lb	.20	: .24	Capiscum, Bombay, bags	lb	.11	: .11 1/2
Liquin, N. F. tins	lb	1.55	: 1.60	NUTGALLS, Chinese, bags	lb	.17	: .18	Peppermint Leaves, imp. bags	lb	.18	: .22
Bands, No. 1 case	lb	1.00	: 1.05	Leppy, bags	lb	.20	: .22	Cuts, bales	lb	.12	: .14
Proprietary, 88 lb cs.	lb	.85	: .90	Nutmegs, 110 lb cases	lb	.52	: .53	Domestic leaf	lb	.18	: .19
HACE, Slaue, No. 1	lb	1.03	: 1.04	75s, 90s, cases	lb	.59	: .61	Peru Balsam, see Balsams	lb	...	...
Bands, No. 1 cases	lb	1.03	: 1.05	Grinding, bags	lb	.48	: .50	Ichl Leaves, bags	lb	.17	: .19
Batavia, No. 2, cases	lb	.88	: .90	Nux Vomica Buttons, bags	lb	.05 1/2	: .06	Pimento Select, bags	lb	.08 1/2	: .09
Wet Flowers, cases	lb	.85	: .87	Powdered, 200 lb bbls	lb	.09	: .12	Pink Root, true bags	lb	.72	: .75
Flowers, blue, bales	lb	.34	: .37	SAK BARK, red bags	lb	.05	: .06	Pitch, Burgundy, see Burgundy Pitch	lb	...	...
Black, bales	lb	.55	: .60	White, bags	lb	.06	: .07	Plantain Leaves, bales	lb	...	: .12
Maca Root, bales	lb	.17	: .22	Teas, 280 lb cases	lb	...	...	Pleurist Root, bags	lb	...	: .19
Maca, large flake, cases	lb	.65	: .70	No 1, all white 280 lb cases	lb	.22	: .23	Poke Berries, bags	lb	.15	: .17
Small flake, cases	lb	.38	: .40	No 2, 280 lb cases	lb	.13	: .14	Pomegranate Bark, of root bags	lb	...	: .38
Sorts, cases	lb	...	: .30	Opium, gum, USP, cases	lb	12.00	: 13.00	Of Fruit, bags	lb	...	: .30
Mandrake Root bags	lb	.10	: .12	Granular, cans	lb	13.00	: 14.00	Of Tea, bags	lb	...	: .30
Marrow Leaves, German, bales	lb	.27	: .28					Powder Flowers, red bags	lb	.25	: .27
African, bales	lb								

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Crude Drugs

Papaya Seed, Dutch, bags	B .11	: .114	Savory Leaves, hales	B .07%	: .08	Spruce Gum, boxes	B 1.00	: 1.50
German, bags	B .09%	: .10	Saw Palmetto Berries, bags	B .40	: .45	Squaw Vine, hales	B .18	: .17
Turkish, bags	B .09%	: .09%	Scammony Root, boxes	B 1.20	: 1.50	Squills, white	B .05	: .06
Blue Indian, bags	B .	: .	Scammony Root, bags	B .07	: .08	Powdered, bulk	B .12	: .14
White Indian, bags	B .08%	: .09	Senna Root, bags	B .55	: .56	Stavesacre Seed, bags	B .35	: .37
Prickly Ash Bark, Southern, bags	B .21	: .23	SENNNA, Alex 150 lb cases	B .22	: .23	Stickiae, 250 lb hales	B .35	: .40
Northern, bags	B .	: .	Half Leaf, 350 lb hales	B .13	: .16	Stillingia Root, bags	B .12	: .11
Prickly Ash Berries, bags	B .12	: .14	Horlings, 400 lb hales	B .10	: .11	Stone Root, bags	B .09	: .10
Prince's Pine, hales	B .20	: .25	recovered, 300 lb bbls	B .14	: .14%	St. Ignatius Beans, bags	B .12	: .11
Pulastilla Herb, bags	B .12	: .18	Tinnevelly, Bold, 350 lb bbls	B .14	: .11	St. John's Bread, bags	B .08	: .09
Pumpkin Seed, bags	B .18	: .20	Medium Leaf	B .11	: .14	Stramonium Leaves, bales	B .09%	: .10
QUASSIA CHIPS, bags	B .07	: .07%	small Leaf	B .08	: .11	Stramonium Seed, bags	B .10	: .11
Queen of the Meadow Herb, bags	B .	: .06	Powdered, 200 lb bbls	B .09%	: .16	Strophantus Seed, Hippocrate	B .	: .
Quince Seed, bags	B .18	: .80	Pods, 350 lb hales	B .20	: .21	Kombe bags	B 1.00	: 1.25
RAPE SEED, South Amer. bags	B .06%	: .07	Serpentina Root, bags	B .85	: .96	Styrax, Liquid artif.	B .35	: .40
Dutch, bags	B .08	: .08%	smallae, D. C., bags	B .78	: .76	Gen. USP	B .45	: .40
Japanese, small, bags	B .07%	: .08	v.s.o. bags	B .78	: .76	Sunflower Seed, domestic bags	B .05%	: .06%
Raspberries, dried bbls.	B .50	: .52	diamond I. bags	B .78	: .76	South American, bags	B .05	: .05%
Red Sanderson	B .17	: .19	Superfine, Orange, bags	B .63	: .65	TAGALDEER BARK, bags	B .05	: .04
Shatavari Root, bags	B .09	: .10	T. N. bags	B .59	: .66	Famarinda, bbls.	B .07	: .08
RHUBARB, Root, H.D. cases	B .33	: .35	Garnet, A. C. bags	B .57	: .60	Kop	B 3.75	: 3.00
Powdered, 200 lb bags	B .38	: .40	button bags	B .76	: .76	Tammy Herb, bales	B .18	: .18
Rosemary Leaves, bales	B .06%	: .07	Bleached, ground, blue	B .56	: .56	Tar, Barbadoes, 50 gal bbls	B 1.40	: 1.50
Rosemary Flowers, cases hales	B .	: .40	none Dry, bbls.	B .66	: .68	Thiu Gum, 250 lb bbls	B .09	: .10
rose Petals, pale	B .27	: .30	sideworts Herb, cut bags	B .15	: .16	Thyme, Spanish bales	B .09	: .09%
Red	B .90	: 1.00	simaruba Bark, hales	B .08	: .08	French, bales	B .08	: .08%
Rue Herb, bags	B .18	: .20	skullcap Leaves, Eastern, hales	B .60	: .62	Tilia, see Linden	B .	: .
SABADILLA SEED, bags	B .14%	: .16	western, hales	B .32	: .34	Tolu Balsam, see Balsams	B .	: .
Powder, bbls.	B .19	: .20	Skunk Cabbage Root, hales	B .13	: .16	Tonga Bark, bags	B .70	: .70
Saffron Flowers, Amer. bales	B .40	: .48	snake Root, Canada, natural, bags	B .34	: .35	Tonka Beans, Angostura, cases	B 2.00	: 2.10
Valencia, 1 lb cans	B 31.00	: 32.00	scrapped, bags	B .50	: .68	Para, cases	B .85	: .90
Bag, Dalmatian, bales	B .04%	: .05	SOAP BARK, whole, 150-300 lb	B .10	: .11	Surinam, cases	B .85	: .90
Greek, bales	B .03%	: .04	value	B .09%	: .10%	Tragacanth Gum, No. 1 ribbon	B .	: .
Spanish, bales	B .08	: .08%	Cut, 125-175 lb bags	B .09%	: .10%	No. 2	B 1.45	: 1.50
Sandalwood, chips, bags	B .16	: .19	crushed, 200 lb bbls	B .11	: .11%	Powdered, 50 lb boxes	B .115	: 1.00
Ground, bags	B .31	: .32	Powdered, 200 lb bbls	B .12	: .13	Turkish, cases	B .87	: .90
Sandarac Gum, 300 lb bbls	B .45	: .46	spearmint Leaves, American bales	B .27	: .29		B .70	: .70
Sarsaparilla Root, Honduras, bales	B .70	: .72	Spermaceti, blocks, cakes, cases	B .42	: .43			
Mexican	B .22	: .23	Spikenard Root, bags	B .17	: .18			
Sassafras Bark, ordinary bales	B .15	: .17						
Select, bales	B .32	: .33						

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Nutmeg, USP, 25 lb tins.....	D 1.40	: 1.60	Vetiver, Bourbon, 1 lb bot.....	D 12.00	: 14.00	Linalool, 5 lb bot.....	D 6.00	: 8.25
Orange, bitter, 25 lb tins.....	D 2.60	: 2.70	Indian, 1 lb bot.....	D 30.00	: 40.00	From Bois de Rose, 5 lb bot..	D 7.00	: 7.50
Sweet, W. Ind, 25 lb tins.....	D 2.50	: 2.70	Java, 1 lb bot.....	D 20.00	: 22.00	MENTHOL, 50 lb cases.....	D 10.75	: 11.00
Italian, 25 lb tins.....	D 2.60	: 3.00	Wine, heavy, 1 lb bot.....	D ...	: 1.50	less cases, 5 lb cans.....	D 11.00	: 11.25
American, 25 lb tins.....	D 2.65	: 2.75	WINTERGREEN			Rhodinol, 1 lb bot.....	D 16.00	: 19.00
Distilled, 25 lb tins.....	D 1.65	: 1.75	Sweet, bals., 25 lb tins.....	D 2.50	: 3.00	Extra, 1 lb bot.....	D 40.00	: 47.00
Spanish, 25 lb tins.....	D 2.75	: 2.90	Southern, 25 lb tins.....	D 1.85	: 2.00	AFROL, drums.....	D .31	: .32
Origanum, 50 lb cans tech.....	D .25	: .30	Gaultheria, true 25 lb tins.....	D 7.00	: 8.00	60 lb cans.....	D .33	: .34
Camomile, 1 lb bot.....	D 2.50	: 3.75	Southern, 25 lb tins.....	D 3.75	: 4.00	Thymol, USP, 25 lb tins.....	D 3.75	: 4.00
Patchouli, 5 lb bot.....	D 4.50	: 5.50	Synthetic, see Methyl Salicylate			SYNTETIC AROMATICS		
Penroyal, dom., 25 lb tins.....	D 2.00	: 2.15	Wormseed, Bals, USP, 25 lb tins.....	D 3.10	: 3.25	Acetophenone, CP, 1 lb bot.....	D 3.50	: 3.75
Imported, 25 lb tins.....	D 1.70	: 2.00	Wormwood, dom., 25 lb tins.....	D 4.00	: 4.50	Aldehyde, C-8 (Octyl), 1 lb bot.....	D 45.00	: 50.00
PEPPERMINT, nat, 60 lb cases.....	D 15.00	: 15.50	Ylang Ylang, Bourbon, 10 lb tins.....	D 9.00	: 10.00	C-9 (Nonyl), 1 lb bot.....	D 70.00	: 75.00
Rodis, USP, 60 lb cases.....	D 16.00	: 16.50	No. 1.....	D 6.00	: 7.00	C-10 (Decyl), 1 lb bot.....	D 50.00	: 58.00
Petit Grain, S. A. 25 lb tins.....	D 2.15	: 2.25	No. 2.....	D 35.00	: 40.00	C-12 (Dodecyl), 1 lb		
French, 1 lb bot.....	D 7.00	: 8.00	OLEORESINS			hot.....	D 27.50	: 32.50
Italian, 25 lb tins.....	D 2.25	: 2.35	Aspidium, USP, 1 lb bot.....	D 2.00	: 2.25	C-14, 1 lb bot.....	D 22.50	: 25.00
Pimento, 25 lb tins.....	D 2.50	: 2.85	Japicium, USP, 1 lb bot.....	D 2.00	: 2.25	C-16, 1 lb bot.....	D 70.00	: 80.00
Flour Sassafras, 25 lb tins.....	D .85	: 1.10	Cubeb, USP, 1 lb bot.....	D 4.00	: 4.50	Aubepine, see Anisic Aldehyde		
Pumilio, USP, 25 lb tins.....	D 2.35	: 2.50	Myrrh, 5 lb bot.....	D 3.25	: 3.50	Amyl Acetate, pure 5 gal. can.....	D 4.75	: 5.50
Sage, Fr., 8, 16 & 32 oz. plug.....	D .25	: .90	Malefern, See Aspidium			Butyrate, 1 lb bot.....	D 1.90	: 2.00
Bulg, 8, 16 & 32 oz. plug.....	D 9.00	: 11.00	Gris, 1 lb bot.....	D 18.00	: 18.00	Cinnamate, 1 lb bot.....	D 4.00	: 4.50
Artificial, 1 lb bot.....	D 2.00	: 3.00	Pepper, black, UEP, 1 lb bot.....	D 3.50	: 4.00	Formate, 1 lb bot.....	D 1.75	: 2.00
Rosemary, USP, 27½ lb tins.....	D .48	: .55	Vanilla, 1 lb bot.....	D 16.50	: 22.00	Phenyl Acetate, 1 lb bot.....	D 4.50	: 5.00
1000 lb drums.....	D .45	: .50	SALICYLATE, dom. 100 lb			SALICYLATE		
Tech., 27½ lb tins.....	D .58	: .60	case.....	D 1.45	: 1.50	Imported.....	D 2.25	: 2.50
Rue, 1 lb bot.....	D ...	: 4.00	Valerate, 5 lb bot.....	D 2.75	: 3.00	Anisic Aldehyde, 1 lb bot.....	D 3.50	: 3.75
Sandalwood, E. Ind., USP, 75 lb			BENZALDEHYDE, USP, 40 lb cans.....	D 1.80	: 1.80	BENZALDEHYDE, 5 lb bot.....	D 1.40	: 1.40
cases.....	D 7.00	: 7.25	FPC, 40 lb cans.....	D 1.40	: 1.50	Imported, USP.....	D 1.00	: 1.10
W. Indian (Amayris) 25 lb tins.....	D 2.25	: 2.40	Sensoe Ether, See Ethyl Sensoe			Sensoe Ether, See Ethyl Sensoe		
Sassafras, USP, 50 lb cans.....	D .90	: 1.00	Phenophenone, 1 lb bot.....	D 4.50	: 5.00	Sensoe Ether, 100 lb cans.....	D 1.40	: 1.50
Artificial, 1000 lb drs. 60 lb cans.....	D 27	: 29	Eugenol, USP, 25 lb cans.....	D 3.10	: 3.25	Sensoe Ether, 100 lb cans.....	D 1.40	: 1.50
Savin, 50 lb tins.....	D 2.15	: 2.25	Geranil, Domestic, 50 lb cans.....	D 3.50	: 4.00	Benzyl Acetate, 100 lb cans.....	D 1.45	: 1.55
Spearmint, USP, 60 lb cases.....	D 3.75	: 4.00	Imported, 5 lb bot.....	D 4.00	: 4.50	BENZONATE, 5 lb bot.....	D 1.60	: 1.75
Spruce, 50 lb tins.....	D .82½	: .85	Geranil, Imported, 5 lb bot.....	D 4.00	: 4.50	Medicinal FPC.....	D 1.75	: 1.80
Fancy, Amer., 20 lb tins.....	D 3.15	: 3.25	Iso-Eugenol, 1 lb bot.....	D 4.00	: 4.50	Butyrate, C.P., 1 lb bot.....	D 6.00	: 6.50
Tar, 50 gal. bbls.....	D .25	: .27	Imported.....	D 4.50	: 5.00	Cinnamate, 1 lb bot.....	D 10.00	: 10.50
Refined, USP 25 lb tins.....	D ...		Ozone, 1 lb bot.....	D 3.25	: 3.50	Formate, 1 lb bot.....	D 3.25	: 3.50
Tyme, red, USP, 25 lb tins.....	D .80	: .90	Correspondence Solicited					
White, USP, 25 lb tins.....	D .95	: 1.00						
Tech., 110 lb. drums.....	D .30	: .35						

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Styryl Propionate, 1 lb. bot.	5.00	: 5.35	Iso-Bafrol, 1 lb. bot. imp.	4.00	: 4.50	Terpinyl Acetate, 25 lb. cans	1.65	: 1.85
Steryl Acetate, 1 lb. bot.	3.75	: 4.00	Domestic, 5 lb. bot.	4.00	: 4.25	Imported, 25 lb. cans	1.90	: 2.00
Bromostyrol, 25 lb. cans	3.50	: 4.00	Linalyl Acetate, 1 lb. bot.	7.50	: 8.50	TERPENOEL, CP, 1000 lb. drs.	.35	: .37
Styryl Anthranilate, 1 lb. bot. dom. b.	...	: 16.00	Benzate, 1 lb. bot.	18.00	: 14.00	Cans, 50 lb.	.39	: .41
Styryl Ether, See Ethyl Butyrate			Formate, 5 lb. bot.	10.50	: 12.00	Absolute, 25 lb. cans	.50	: .50
Cinnamyl Acid, 5 lb. cans	3.25	: 3.50	Methyl Acetophenone	3.50	: 3.75	Imported, 25 lb. cans	.40	: .42
Alcohol, Liquid 1 lb. bot.	9.00	: 9.50	ANTHRAHILATE dom.	2.50	: 3.25	VANILLIN, USP, 500 oz. cans	...	: .49
Crystallizable	9.50	: 10.00	Imported	2.75	: 3.75	Cans, 16 oz., 30 oz.	.50	: .51
Aldehydes	8.50	: 8.75	Benzate, 5 lb. bot. import	2.00	: 2.25	Second Hands	...	: .47
CITRONELLOL, 1 lb. bot.	7.50	: 9.00	Domestic, 5 lb. bot.	1.75	: 2.00	Valerianic Ether, See Ethyl Valerate		
Imported	8.00	: 10.00	Cinnamate, 1 lb. bot.	3.50	: 3.75	Yara Yara, 1 lb. cans	1.50	: 1.00
Citronellyl Acetate, 1 lb. bot.	13.00	: 14.00	Heptenone	8.00	: 8.25	PERFUMERS' SUNDRIES		
COUMARIN, 25 lb. cans	3.25	: 3.45	Paracresol, 1 lb. bot.	8.00	: 9.00	Almond Meal, 25 lb. cans	.24	: .26
DIETHYL PHTHALATE, 25 lb. cans	.35	: .58	Phenylacetate, 5 lb. bot. dom.	3.75	: 4.00	Amber, Liquid, 400 lb. drs.	2.20	: 2.30
500 lb. drs.	.30	: .52	Salicylate, USP 500 lb.	...		Ambergris, black, bns.	8.00	: 10.00
Diphenyloxide, 25 lb. cans	.50	: .90	drums	...		Ambergris, gray, bns.	...	: 26.00
Ethyl Acetate, pure, 5 lb. bot.	.45	: .50	50 lb. cans	...		Balsam Copaliba, Para, 80 lb. cases	.54	: .55
Benzene, 5 lb. bot.	1.75	: 1.90	Second Hands	...		South American, 80 lb. cases	.58	: .59
Butyric, 5 lb. bot.	1.90	: 2.10	Mirbane, rect., 1000 lb. drums	.12	: .14	Peru, 120 lb. cases	1.90	: 2.00
Caproate, 1 lb. bot.	2.25	: 2.50	Musk Ambrette, 1 lb. cans	10.00	: 10.50	Tolu, 90 lb. cases	1.40	: 1.50
Cinnamate, 1 lb. bot.	3.50	: 3.75	Ketone, 1 lb. cans	11.50	: 12.00	Benzoin Gum, Siam, bns.	1.80	: 1.85
Formate, 5 lb. bot.	.90	: 1.25	Xylene, 5 lb. cans	3.25	: 3.50	Castoreum, 1 lb. bot.	4.50	: 5.00
Styryl-methyl Paracresol, 1 lb. bot.	3.25	: 3.50	Neolin, 1 lb. cans	1.50	: 1.60	Chalk precip. light, 175 lb. bbls.	.04%	: .04
Ethyl Phenylacetate, 5 lb. bot.	3.75	: 4.00	Quinoline, 1 lb. bot.	1.75	: 2.00	Cherry Laurel Water, 5 gal. cans, gal.	1.15	: 1.35
Propionate, 1 lb. bot.	1.75	: 2.00	Quinone, 1 lb. cans	...		Civet Abyssin., horns	2.25	: 2.50
Valerian, 5 lb. bot.	...	: 3.75	Osmanthine Ether, 1 lb. bot.	1.75	: 2.00	Labdanum, 5 lb. bot.	...	: 9.00
Salicylate, 5 lb. bot.	2.00	: 2.10	Para-Cymene, Refd., 110 gal. drags	2.25	: 2.50	Lanolin hydrate, 350 lb. bbls.	.15	: .21
Fernic Ether. See Ethyl Formate			Phenylacetaldehyde, Dom.			Aspidurus, 350 lb. bbls.	.18	: .21
Geranyl Acetate, 1 lb. bot.	4.75	: 5.00	1 lb. bot. 50 p.e.	8.00	: 8.50	Musk pods, Cabardine, tins	18.00	: 17.00
Butyrate, 1 lb. bot.	13.00	: 13.50	Imported, 50 p.e.	7.00	: 7.50	Tonquin, tins	22.00	: 25.00
Formate, 1 lb. bot.	12.00	: 12.50	80-85 p.e.	14.00	: 16.00	Tonquin, tins	25.00	: 26.00
Gelotropin, dom., 100-10 lbs.	1.85	: 2.00	Phenylacetic Acid, 1 lb. bot.	3.00	: 3.25	Synthetic, See Aromatic Chemicals		
Imported	2.10	: 2.40	Phenyl Diacetate, 1 gm. bot.	3.25	: 3.50	orris Rt., Flor., powd. bbls.	.12	: .13
Hydroxycitronellal, 1 lb. bot.	12.00	: 14.00	1 lb. bot.	8.00	: 10.00	Verona, powd. bbls.	.10	: .11
anol, Cr, 1 ex. bot.	6.00	: 6.50	Imported	7.00	: 7.75	Petrolatum, snow white 350 lb. bbls.	.13%	: .14
Tetone, 1 lb. bot.	10.00	: 11.00	Phenylethyl Alcohol, 1 lb. bot.	6.00	: 7.00	Light Amber, 250 lb. bbls.	.04%	: .05%
Alpha	14.50	: 16.00	Phenylethyl Butyrate, 1 lb. bot.	26.00	: 28.00	Rice Starch, 140 lb. bags	.09	: .10
Beta	12.75	: 14.50	Formate, 1 lb. bot.	19.00	: 21.00	Rose Water, 6-2-3 gal. clys.	1.00	: 1.25
Methyl	16.00	: 18.00	Propionate, 1 lb. bot.	20.00	: 24.00	Sandalwood chips, powd., bags	.30	: .35
iso-Butyl Benzoate, 5 lb. bot.	4.75	: 5.00	Valerate, 1 lb. bot.	25.00	: 29.00	Saponin, 5 lb. tins	1.15	: 1.30
			Phenylpropylalcohol, 1 lb. bot.	15.00	: 16.00	Talc, Italian, 220 lb. bags	60.00	: 80.00
			Skatol, 1 ex. bot.	7.00	: 7.25	French, 220 lb. bags	40.00	: 45.00
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GLUE—130 cs., 4 cts., L. W. Ferdinand & Co., London; 20 brls., Harritan Glue Co., Antwerp; 101 brls., 52 pgs., W. E. Miller, Havre; 75 bgs., Amer. Exp. Co., Liverpool; 60 bgs., Milligan & Higgins, Newcastle; 132 pgs., British Bank of So. America, Antwerp

GLUESTOCK—156 bgs., Cona Glue Co., Antwerp; 80 drs., Order, Antwerp

GUMS—23 bgs., Order Marseilles; 63 bgs., L. Silverman & Co., Bombay; 40 cs., W. Wrigley, Batavia; **Arabic**, 470 bgs., Brown Bros. & Co., Port Sudan; 750 bgs., Order, Port Sudan; **Chicle**, 117 bgs., Royal Bank of Canada, Ciudad Bolivar; **Copal**, 503 bgs., Niger Co., Antwerp, 900 bgs., Mech & Metals Nat. Bank, Antwerp; 406 bgs., L. C. Gillespie & Sons, Antwerp; 95 bgs., Innes & Co., Antwerp; 28 bgs., Chem Nat. Bank, Antwerp; 651 bgs., Order, Antwerp; 128 bgs. 25 cs., Standard Bank of So. Africa, Singapore; 64 bgs., Order, Singapore; 210 cs., Baring Bros. & Co., Singapore; **Olibanum**, 73 cs., F. W. Mead & Company, Bombay; **Kauri**, 507 cases, Baring Brothers & Company, Auckland; 18 cs. Brown Bros. & Co., Auckland; 27 cs., 54 sks., Davies Turner & Co., Auckland; 10 cs., 48 eggs, Order, Auckland; **Tragacanth**, 20 cs., Order, Southampton

HERBS—5 bgs., Peek & Velsor, Hamburg; **Medicinal**, 2 bgs., J. L. Hopkins & Co., Marseilles

INDIGO—1 ck., H. A. Metz, Rotterdam

HELIOTROPI, 2 cs., P. R. Dreyer, Rotterdam

IRON OXIDE—45 cks., L. H. Butcher & Co., Liverpool; 10 cks., United Amer. Lines, Liverpool

IRON—Perchloride, 17 cks., De Mattia Chem Inc., Newcastle

JUICE—Lemon, 180 brls., Order, Marseilles; **Lime**, 5 cks., Perry Ryer & Co., Dominica; 120 trs., Powers-Weightman-Rosenberg, Palermo

LEAVES—Patchouli, 44 bgs Order, Sgape, 42

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4. **MAGNESITE—234 brs., H. J. Baker & Bro., Rotterdam; 94 brs., A. Kramer & Co., Rotterdam; 1,200 bgs., Order, Madras**

5. **MEDICINALS—15 cs., Ital Drug Impg Co., Marseilles**

6. **MENTHOL—12 cs., Bank of Manhattan Co., Hamburg**

7. **MYROBALANS—439 bgs., Order, Coconada**

8. **NICKEL SULFATE—22 cks., Philip Bros., Liverpool**

9. **NUX VOMICA—123 bgs., Brown Bros. & Co., Madras; 62 bgs., Chase Nat Bank, Madras; 132 bgs., Order, Bombay; 615 bgs., Order, Madras**

10. **OILS—Cod, 60 cks., Sherman & Co., Hull; 200 cks., R. Badcock & Co., St. Johns; 500 cks., Nat Oil Products Co., St. Johns; Cod-liver, 15 brs., Burroughs Wellcome & Co., London; 160 brs., W. Fischer, Oslo; 185 brs., 20 cks., Order, Oslo; Haarlem, 7 cks., Kronfeld Saunders & Co., Rotterdam; Palm, 60 brs., Order, Liverpool; 588 drs., Niger Co., Antwerp; Peanut, 5 brls., Lamont Coliss & Co., Rotterdam; Rape, 50 brls., Bankers Trust Co., Hull; 800 brls., Vacuum Oil Co., Hull; 100 brls., Nat City Bank, Hull; 425 brls., Order, Hull; Seal, 100 cks., Bowring & Co., St. Johns; Sperm, 25 brls., Procter & Gamble, So. Shetland; Sulfur, 350 brls., Bankers Trust Co., Seville; Whale, 2,725 brls., Procter & Gamble, South Shetland**

11. **OILS ESSENTIAL—1 cse., G. Lueders & Co., Antwerp; 6 cs Polaks Frutal Works, Rotterdam; 250 cs., Order, Messina; 2 cs., B. F. Drakenfeld Co., Havre; 5 brls., P. R. Dreyer, Havre; 15 pgs., Ungerer & Co., Havre; 1 cse., Orbis Prod Trdg. Company, Havre; 11 cks., Order, Marseilles; 2 cs., Heine & Co., Bremen; Almond, 12 cs., E. Maurer, Marseilles; 34 cs., Order, Marseilles; 2 drs., 2 cs., Ungerer & Co., London; Bay, 7 cs., Gillespie & Co., Dominica; Bergamot, 25 cs., G. Lueders & Co., Messina; Camphor, 21 drs., D. L. Moss & Co., Shanghai; Cassia, 5 drs., Ungerer & Co., Hongkong; Cinnamon Leaf, 6 drs., Fries Bros., London; Lemon Grass, 7 drs., Order, Cochin; Linoleic, 12 cs., H. Triest Co., Manzanillo; Orange, 46 cs., Order, Kingston; 10 cs., Gillespie & Co., Kingston; Palmarosa, 2 pots, Order, London; Poppy Seed, 5 brls., La Curto & Funk, Marseilles**

12. **OILS—8 cks., L. H. Butcher & Co., Hull; Red, 8 cks., Siemon & Elting, Liverpool; 40 cks., J. L. Smith, Hull**

13. **POTASSIUM SALTS—100 drs., A. Klipstein & Co., Hamburg; Muritate, 500 bgs., Soc. Comm Des Potasses D'Alsace, Antwerp; Perchlorate, 250 brls., C. Hardy, Havre; Prussiate, 22 cks., Guaranty Trust Co., Gothenburg; 18 kegs, C. Tennant & Sons, Liverpool**

14. **QUININE—12 cs., R. W. Greeff & Co., Rotterdam; 5 cs., Hanover Nat Bank, Naples**

15. **ROOTS—2 bls., Peek & Velsor, Hamburg; 21 bls., Peek & Velsor, Bremen; 2 bls., Order, Marseilles; Aconite, 17 bgs., Chem Nat. Bk., Rotterdam; Gentian, 31 bgs., Order, Marseilles; Marshmallow, 5 bgs., J. L. Hopkins & Co., Antwerp**

16. **SAPONIN—10 cs., Pfaltz & Bauer, Hamburg**

17. **SEEDS—Cardamom, 7 cs., Order, London; 8 cs., B. H. Old & Co., Bombay; Castor, 50 bgs., S. L. Brinley, Port Au Prince; 10864 bgs., Order, Coconada; 6830 bgs., Volkart Bros., Coconada, 2,800 bgs., Strauss & Co., Bombay; Cumin, 47 bgs., Order, London; 210 bgs., A. Champon, Marseilles; Fenug, 2 cs., Order, Palermo; Mustard, 280 bgs., R. F. Downing & Co., London; 600 bgs., Order, Hull; Rape, 74 bgs., A. G. Dunn, Rotterdam**

18. **SHELLAC—50 cs., C. F. Gerlach, Rotterdam; 150 bgs., Ralli Bros., Hamburg**

19. **SODIUM SALTS—Bisulfite, 27 brls., Brown Bros. & Co., Antwerp; 75 brls., A. Klipstein & Co., Antwerp; Cyanide, 116 drs., Liverpool; Hydrosulfite, 20 kegs, H. A. Metz, Rotterdam; Hyposulfite, 100 bgs., Suter & Co., Marseilles; Fluorosulfate, 100 brls., Order, Rotterdam; Nitrate, 19,732 bgs., W. R. Grace & Co., Iquique; Sulphide, 132 drs., C. S. Grant & Co., Rotterdam**

20. **SUMAC—350 bgs., J. S. Young, Palermo; 700 bgs., Order, Palermo**

21. **TARTAR—709 bgs., C. Pfizer & Co., Marseilles; 401 bgs., Tartar Chem. Works, Marseilles; 209 bgs., Harshaw, Fuller & Goodwin, Marseilles**

22. **TURMERIC—160 bgs., Brown Bros. & Co., Cochin; 1,140 bgs., Volkart Bros., Alleppey; 880 bgs., Order, Alleppey; 500 bgs., Volkart Bros., Cochin; 160 bgs., F. W. Mead & Co., Bombay; 128 bgs., First Nat Bank Minn., Bombay**

23. **UMBER—2,978 bgs., Reichard Coulston, Lar-naca**

24. **VANILLA BEANS—13 cs., Order, Havre; 86 cs., Dodge & Olcott, Marseilles; 73 cs., Dodge & O'cott, Marseilles; 5 cs., P. H. Petry & Co., Marseilles**

25. **WAX—41 bgs., Stahl & Pitch, Antwerp; 27 bgs., T. Norton & Co., Santos; 40 cs., Chem Nat Bank, Havre; Bees, 28 cs., Order, Rotterdam; 31 bgs., W. R. Grace & Co., Talcahuano; 53 sks., W. R. Grace & Co., Valparaiso; 48 bgs., Nat City Bank, Rio de Janeiro; Carnauba, 68 bgs., Nat City Bank, Ceara; 55 bgs., Guaranty Trust Co., Ceara; 503 bgs., Nat City Bank, Para; 162 bgs., Lazard Freres, Ceara; 135 bgs., Order, Ceara**

26. **WOOL GREASE—100 brls., Amer Exch Nat Bank, Bremen; 80 brls., Order, Bombay**

27. **ZINC—Chloride, 39 drs., Innis Speiden & Co., Rotterdam; 50 cks., Roessler & Hasslacher Chem Co., Rotterdam; Oxide, 120 brls., Innis Speiden & Co., Antwerp; 50 brls., Reichard Coulston Inc., Antwerp; 250 brls., Amer Exch Nat Bank, Marseilles; 5 cks., Yardley & Co., Southampton; 50 brls., Order, Marseilles; 50 brls., Orbis Prod. Tdg Co., Marseilles; 2 brs., J. T. Baker Chem Co., Manila; White, 52 cks., L. H. Butcher & Co., Rotterdam; 50 brls., Reichard Coulston Inc., Marseilles**

IMPORTS AT BOSTON
May 30 to June 6

1. **ACID—Cresylic, 12 drns., Order, London; Formic, 80 balloons, A. Klipstein & Co., Rotterdam; Lactic, 48 cks., Rotterdam**

2. **AMMONIUM CHLORIDE—20 cks., Kuttroff Pickhardt Co., Rotterdam**

3. **BARYTES—2,000 cks., Order, Hamburg**

4. **COLOKS—20 cs., Order, Hamburg**

5. **GENTIAN ROOT—60 bbls., Order, France Co., Hamburg**

6. **GLAUBER SALTS—120 bbls., Brown Bros. Co., Hamburg**

7. **MOLASSES—3,004 bbls., Order, Porto Rico OIL, Creosote—150 cks., Order, London; Palm 19 cks., Order, Liverpool; 80 cks., Standard Bank of S. Afr., Liverpool**

8. **POTASH, Caustic—121 drms., Am. Exch Bk, Hamburg; Nitrate, 10 cks., I. M. Sabin, Rotterdam**

9. **SHELLAC—50 bgs., Standard Bank of S Afr., Hamburg**

10. **SODIUM ARSENATE—21 cks., Order, London**

11. **STICKLAC—225 bgs., Order, Hamburg**

12. **TALC—300 bgs., Chas. Mashein, Genoa; 25 bgs., L. A. Salomon Bros., Genoa**

13. **TRAGASOL—10 bbls., J. P. Marsten Co., London**

14. **ZINC CHLORIDE—19 drms., Order, Rotterdam**

IMPORTS AT PHILADELPHIA
May 28 to June 3

1. **AMMONIUM CHLORIDE—250 cks., Order, Rotterdam**

2. **CALCIUM SULFATE—60 cs., Order, Borda-deux**

3. **CUTCH—100 boxes, Order, Liverpool**

4. **GUM COPAL—145 bgs., Brown Bros & Co., Antwerp; 56 bgs., Order, Antwerp**

5. **MAGNESITE—30,244 bgs., Harbison, Walker Refractories Co., Trieste; 2 tins, Order, Trieste; 375 bgs., Order, Antwerp**

6. **METHANOL—135 cks., Order, Rotterdam**

7. **OIL, DEGRAS—25 bbls., Order, Antwerp**

8. **POTASSIUM Chloride, 2,500 bgs., Societe Commerciale des Potasses d'Alsace, Antwerp**

9. **Nitrate, 80 cks., Harshaw, Fuller & Goodwin Co., Antwerp; Manure Salt, 20%, 98,390 kilos, Societe Commerciale des Potasses d'Alsace, Antwerp**

10. **SEEDS, Cardamom—8 cs., Order, Colombo**

11. **SHELLAC—250 bgs., Order, Calcutta**

12. **SODIUM—Sulfite, 150 drms., O. G. Hempstead & Son, Rotterdam; Urannate, 18 cs., Order, Antwerp**

13. **TAPIOCA FLOUR—1,075 bgs., International Banking Corp., Batavia; 1,009 bgs., Order, Batavia; 683 bgs., Equit Trust Co., Sourabaya; 484 bgs., Order, Sourabaya**

14. **WATTLE BARK—772 bgs., Std. Bk. of S. Afr., Port Natal**

IMPORTS AT BALTIMORE
May 28 to June 4

1. **DECGRAS, 21bbls, 9,576lbs, to order, Artigas Marseilles**

2. **EPSOM SALT—500 bags, to order, Hornfels, Bremen**

3. **FULLER'S EARTH—250 bags, L. A. Salomon Bros., New York, Barbadian, London**

4. **MOLASSES—1,300,000 gal., Cuba Distilling Co., Carabubla, Cienfuegos; 1,200,000 gal., Cuba Distilling Co., Nelson, Cienfuegos**

5. **OIL—Olive, 469 bbls., 210,624 lbs., Pompeian-Remanza Co., Clontarf, Marseilles; 487 bbls.,**

6. **POTASH MANURE SALTS—496 tons, Order, England**

7. **PYRIDINE—4,324 lbs., Order, Germany; 1,606 lbs., Order, Germany**

8. **SODIUM NITRATE—3,000 tons, Order, Chili; 8,951 tons, Order, Chili; 4,790 tons, Order, Chili**

9. **VANILLA BEANS—4 cs., W. T. Raleigh Co., Vera Cruz; 13 cs., Vera Cruz**



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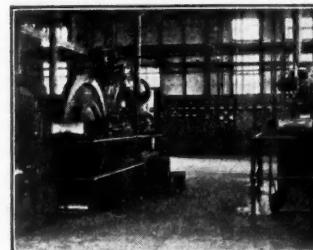
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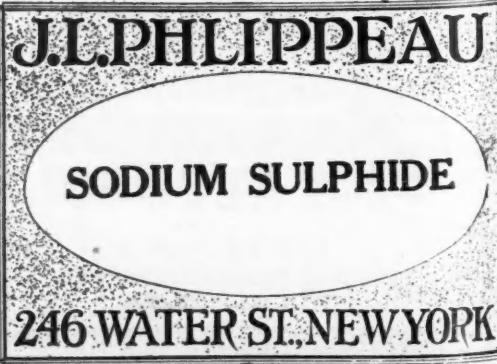
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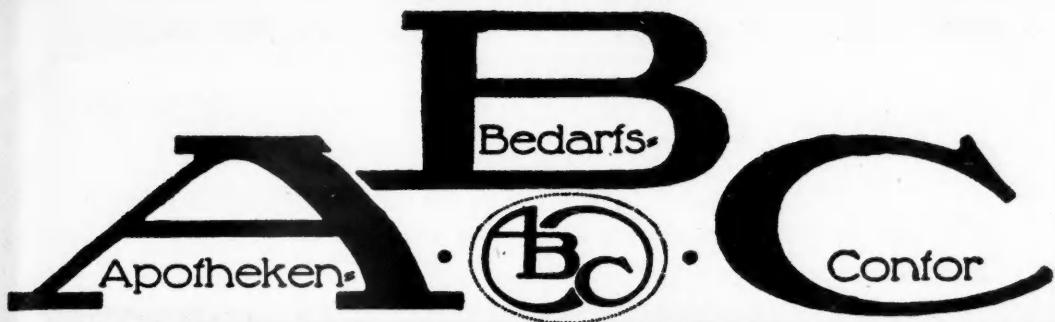
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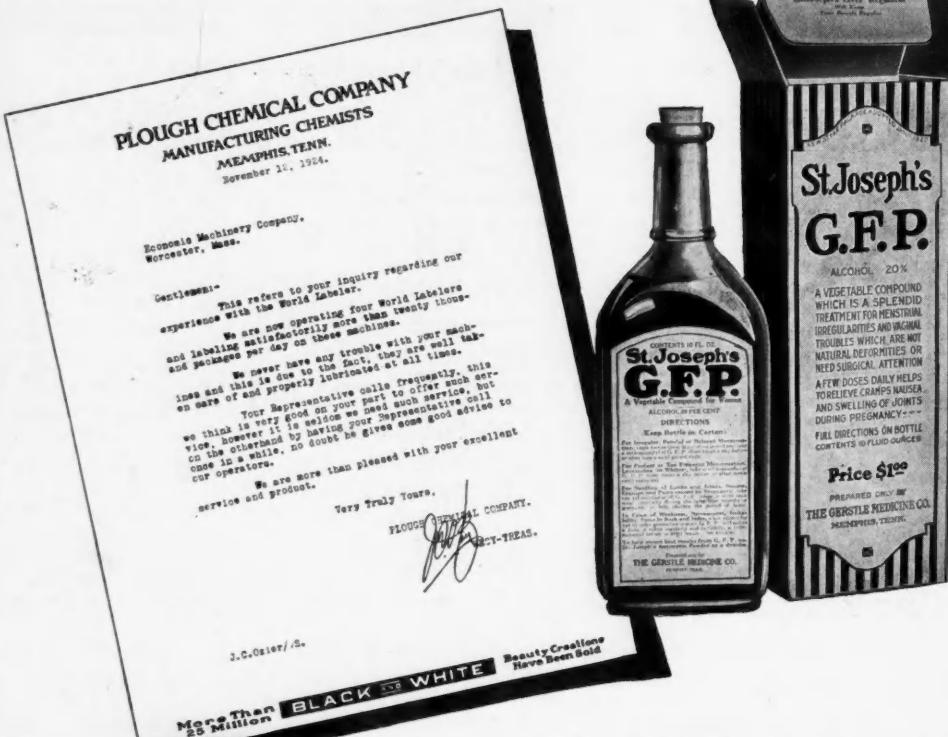
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